

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

D_M3

C Number: C20320
Lock Date: 01/12/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.3.0
PWG Approval Date: NONE

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 Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 1,2,3,6-10+11+12+15]		
	[Hepatocellular Adenoma TGLs = 4,8-13]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 5-14]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 7-16]		
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lung	Alveolar Epith	Hyperplasia	Marked
	[Hyperplasia TGLs = 3-12]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Hyperplasia	Marked
Note: Epithelial hyperplasia and adenomyosis with secondary ulceration. [Hyperplasia TGLs = 9-17]			
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Basophilic Focus TGLs = 6-15]			
[Hepatocellular Adenoma TGLs = 7-16]			
[Hepatocellular Carcinoma TGLs = 2-10]			
* Lung	Alveolar Epith	Hypertrophy	Minimal
Lymph Node	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 4-13]			
[Lymphoma Malignant TGLs = 5-14]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 3-12]			

* PROTOCOL REQUIRED TISSUE

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Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902236

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Ulcer	Moderate
[Ulcer TGLs = 1-11]		
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 8-4]		
* Thymus	Atrophy	Mild
	Cyst	Mild

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 Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	
	Tension Lipidosis	Minimal
	[Eosinophilic Focus TGLs = 2-11]	
	[Hepatocellular Adenoma TGLs = 1,4-10+13]	
	[Mixed Cell Focus TGLs = 3-12]	
* Nose	Respirat Epith	Mild
* Thymus	Hyperplasia	Mild
	Atrophy	

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Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Degeneration	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatoblastoma TGLs = 2-13]		
	[Hepatocellular Adenoma TGLs = 1-12]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
Tooth		Inflammation	Moderate
		Odontoma	
	[Odontoma TGLs = 3-1+14]		

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Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 521

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

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 Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 5-4]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Note: TGL-1 also on slide 3.		
	[Eosinophilic Focus TGLs = 4-12]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLs = 3-11]		
* Nose		Hyperplasia	Mild
		Inflammation	Mild
* Preputial Gland		Inflammation	Marked
	[Inflammation TGLs = 2-8]		
* Testes		Degeneration	Minimal
	Germinal Epith	Atrophy	Marked
* Thymus		Dysplasia	Mild
Tooth			

* PROTOCOL REQUIRED TISSUE

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Species/Strain: MICE/B6C3F1

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Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Basophilic Focus
		Hepatocellular Adenoma
		Mixed Cell Focus
	[Hepatocellular Adenoma TGLs = 1-10]	
	[Mixed Cell Focus TGLs = 2-11]	
* Lung		Alveolar/Bronchiolar Adenoma
	[Alveolar/Bronchiolar Adenoma TGLs = 3-12]	

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 Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 1-10]		
* Preputial Gland	Ectasia	Moderate
[Ectasia TGLs = 2-8]		
* Thymus	Atrophy	Moderate

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 Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 673

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Eye		Cataract	Mild
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 4-9]		
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 5-12]		
	[Hepatocellular Adenoma TGLs = 3-11]		
	[Hepatocellular Carcinoma TGLs = 2-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLs = 1-8]		
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 673

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902243

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

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Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibro-Osseous Lesion	
* Kidney		Infarct	Mild
[Infarct TGLs = 1-4]			
* Lung	Alveolar Epith	Hyperplasia	Moderate

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Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 448

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 1-10]		
* Nose		Inflammation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 2-10]		

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

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 Species/Strain: MICE/B6C3F1

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 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland [Granular Cell Tumor TGLs = 2-11]		Granular Cell Tumor	
* Kidney		Cyst	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	[Basophilic Focus TGLs = 5-13]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLs = 4-12]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 3-11]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma
 CONTRIBUTORY CAUSE OF DEATH - Coagulating Gland Granular Cell Tumor

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 501

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Myocardium	Necrosis	Mild
* Kidney	Renal Tubule	Mineralization	Moderate
	[Mineralization TGLs = 1-4]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 2-5+10]		
* Thymus		Atrophy	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH - Heart Myocardium Necrosis

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 644

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 2,3,4-11+12]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Nose	Respirat Epith	Hyperplasia	Mild
* Thymus		Atrophy	Marked
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 631

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------|--|--------------------------|--------------------|
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | Multiple |
| | [Eosinophilic Focus TGLs = 8,9-15+16] | | |
| | [Hepatocellular Carcinoma TGLs = 1,2-10+11] | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | [Hepatocellular Carcinoma TGLs = 3,4,5,6,7-12+13+14] | | |
| * Nose | Respirat Epith | Hyperplasia | Mild |
| * Testes | Germinal Epith | Degeneration | Minimal |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Fibrosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: TGL-1 also on slide 5.			
	[Eosinophilic Focus TGLs = 4,5,6-11+12+13]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 2-11]		
* Skin		Ulcer	Marked
	[Ulcer TGLs = 3-12]		
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------|--|--------------------------|----------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Cyst | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| | | Tension Lipidosis | Minimal |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| | | Inflammation | Mild |
| * Thymus | | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Moderate
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Mixed Cell Focus	
Note: TGL-1 also present on slide 3.		
	[Eosinophilic Focus TGLs = 3,4-12+13]	
	[Hepatocellular Adenoma TGLs = 1-10]	
	[Mixed Cell Focus TGLs = 2-11]	
* Thymus	Atrophy	Moderate
Tooth	Dysplasia	Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Gallbladder		Pigmentation	Hematoidin, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Hepatocellular Carcinoma	
		Hypertrophy	Mild
		Pigmentation	Mild
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Minimal
		Ulcer	Mild
* Testes	Germinal Epith	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Infarct	Minimal
	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 1-10]		
* Lung	Alveolar Epith	Hyperplasia
[Hyperplasia TGLs = 2-10]		Moderate
* Thymus	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLs = 3-6]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 555

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|----------------------------------|------------------|------------------------------|
| * Eye | Inflammation | Marked |
| [Inflammation TGLs = 1-9] | | |
| * Harderian Gland | Carcinoma | |
| [Carcinoma TGLs = 3-9] | | |
| * Liver | Basophilic Focus | |
| [Basophilic Focus TGLs = 2-10] | | |
| * Lung | Carcinoma | Metastatic (Harderian Gland) |
| * Thymus | Atrophy | Mild |

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Eye Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 595

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Sarcoma	Metastatic (Skin)
* Kidney	Papilla	Necrosis	Minimal
		Nephropathy	Minimal
		Sarcoma	Metastatic (Skin)
* Lung		Sarcoma	Metastatic (Skin)
Lymph Node	Renal	Sarcoma	Metastatic (Skin)
[Sarcoma TGLs = 2-10]			
* Skin		Sarcoma	
[Sarcoma TGLs = 1-10]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Skin Sarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLs = 1-9]			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Hypertrophy	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Basophilic Focus TGLs = 2-10]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma	TGLs = 1-10]		
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Minimal
		Ulcer	Mild
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Nose	Respirat Epith	Hyperplasia	Mild
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TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Ileum		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 1-11]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Ulcer	Mild
	[Ulcer TGLs = 2-11]		
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hemangioma	
		Hepatocellular Adenoma	Multiple
	[Basophilic Focus TGLs = 4-13]		
	[Hemangioma TGLs = 1-12]		
	[Hepatocellular Adenoma TGLs = 2,3,5-13+14]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
	[Hyperplasia TGLs = 2-14]		
* Thymus		Atrophy	Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 645

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Pericardium	Fibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2,3-11+12]	Tension Lipidosis	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 1-10]	Infiltration Cellular	Histiocyte, Marked
	[Infiltration Cellular TGLs = 5,6-14]		
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 4-13]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Mild
	[Ulcer TGLs = 7-5+15]	Ulcer	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 645

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902267

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Marked
	[Hyperplasia TGLs = 1-11]		
* Islets, Pancreatic		Angiectasis	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Clear Cell Focus TGLs = 2-12]		
	[Hepatocellular Adenoma TGLs = 3-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Prostate		Hyperplasia	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone
- * Bone Marrow
- * Brain
- * Epididymis
- * Esophagus
- * Eye
- * Gallbladder
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Lung
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Nose
- * Pancreas
- * Parathyroid Gland
- * Pituitary Gland
- * Preputial Gland
- * Prostate
- * Salivary Glands
- * Seminal Vesicle
- * Skin
- * Spleen
- * Stomach, Glandular
- * Testes
- * Trachea
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- Blood Vessel Inflammation Mild
- Note: Vessels in several organs affected.
- * Harderian Gland Adenoma
- * Heart Cardiomyopathy Minimal
- * Kidney Nephropathy Minimal
- * Liver Basophilic Focus
- Hemangioma
- Hepatocellular Adenoma
- [Basophilic Focus TGLs = 3-13]
- [Hemangioma TGLs = 2-13]
- [Hepatocellular Adenoma TGLs = 1-10]
- * Stomach, Forestomach Epithelium Hyperplasia Mild
- Inflammation Minimal
- Ulcer Mild
- [Ulcer TGLs = 4-14]
- * Thymus Atrophy Marked
- * Thyroid Gland Inflammation Minimal
- Tooth Odontoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Alveolar/Bronchiolar Carcinoma Infarct	Metastatic (Lung) Mild
	[Alveolar/Bronchiolar Carcinoma TGLs = 6-4]		
* Liver		Eosinophilic Focus Hepatocellular Adenoma Mixed Cell Focus	Multiple
	[Eosinophilic Focus TGLs = 7-10]		
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Note: Neoplastic cells visible in mediastinum as well.		
	[Alveolar/Bronchiolar Carcinoma TGLs = 4,5-12+13]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Spleen		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLs = 3-11]		
* Testes	Germinal Epith	Degeneration	Mild
Tooth		Dysplasia	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1-10]		
	[Mixed Cell Focus TGLs = 2-11]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 4-11]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 3-10]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Stomach, Glandular		Hyperplasia	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 2-9]		
* Kidney		Infarct	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Minimal
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 2-9]		
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lung	Alveolar Epith	Hypertrophy	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 699

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
Coagulating Gland		Lymphoma Malignant	
* Eye		Cataract	Minimal
* Heart	Valve	Inflammation	Marked
Note: Valvular endocarditis with intralesional cocci.			
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Iliac, Mediastinal, Renal	Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 2,3,4-10+11+12]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 7-14]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 5-13]		
Mesentery		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 699

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902274

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 6-5+14]		
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Atrophy	Moderate
		Lymphoma Malignant	
Tooth		Lymphoma Malignant	Metastatic (Spleen)
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 619

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Infarct	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Hepatoblastoma	Metastatic (Liver)
	[Hepatoblastoma TGLs = 3,4,5,6-11+12+13+14]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma
 CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 661

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Heart		Necrosis	Minimal
* Kidney		Cyst	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Minimal
	Hepatocyte	Necrosis	Mild
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Adenoma	
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Mild
[Nephropathy TGLs = 3-4]		
* Liver	Hepatocellular Adenoma	
	Mixed Cell Focus	
Note: Mass completely infarcted.		
[Hepatocellular Adenoma TGLs = 2-11]		
[Mixed Cell Focus TGLs = 1-10]		
* Thymus	Atrophy	Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|----------|---|----------|
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Clear Cell Focus | |
| | Eosinophilic Focus | |
| | Hepatocellular Adenoma | Multiple |
| | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 3,6-12+14] | |
| | [Hepatocellular Adenoma TGLs = 2,5-11+13] | |
| | [Hepatocellular Carcinoma TGLs = 4-13] | |
| * Lung | Alveolar/Bronchiolar Adenoma | |
| * Skin | Keratoacanthoma | |
| | [Keratoacanthoma TGLs = 1-10] | |
| * Thymus | Atrophy | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLs = 4-13]		
	[Hepatocellular Carcinoma TGLs = 1,2-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLs = 3-12]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver

Hepatocellular Adenoma
Mixed Cell Focus

Note: TGL-1 is also present on slide 3.

[Hepatocellular Adenoma TGLs = 1-10]

* Nose

Respirat Epith

Hyperplasia

Minimal

* Thymus

Atrophy

Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Amyloid Deposition	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLs = 4-10]			
* Kidney	Glomerulus	Amyloid Deposition	Marked
		Nephropathy	Moderate
[Amyloid Deposition TGLs = 1-4]			
* Liver		Amyloid Deposition	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Mild
		Thrombosis	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
[Inflammation TGLs = 2-8]			
* Spleen		Amyloid Deposition	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Ulcer	Minimal
[Ulcer TGLs = 5-11]			

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902281

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Glomerulus Amyloid Deposition

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Mild
	Papilla	Necrosis	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 3-12]		
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
* Preputial Gland		Inflammation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 4-13]		
* Stomach, Glandular		Cyst	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 374

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Valve	Inflammation	Marked
Note: Septic vegetative valvular endocarditis.			
* Kidney		Infarct	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 1-10]			
* Lung		Hemorrhage	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 602

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Heart		Mineralization	Minimal
* Liver		Hemangiosarcoma	Metastatic (Spleen)
Note: Hemangiosarcoma is especially infiltrative and associated with massive secondary necrosis.			
[Hemangiosarcoma TGLs = 2,3,4,5,6,7-4+5+11+12+13+14+15]			
* Prostate		Inflammation	Mild
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLs = 1-10]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLs = 8-5+16]			

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma Spleen

CONTRIBUTORY CAUSE OF DEATH - Spleen Hemangiosarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
-----------------	-------------------

OBSERVATIONS

* Kidney		Hydronephrosis	Moderate
		Nephropathy	Moderate
	[Hydronephrosis TGLs = 5-4]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 6-14]		
	[Hepatocellular Adenoma TGLs = 2-11]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
	[Mixed Cell Focus TGLs = 3-12]		
* Skin		Ulcer	Marked
	[Ulcer TGLs = 4-13]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 7-5]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902285

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,3,4-10+12+13]	
	[Hepatocellular Carcinoma TGLs = 2,5-11+14]	
* Stomach, Forestomach	Epithelium	Hyperplasia
	[Hyperplasia TGLs = 6-15]	Minimal
* Thymus	Atrophy	Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 526

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant TGLs = 2-11]	Lymphoma Malignant
* Liver [Eosinophilic Focus TGLs = 3-11]	Eosinophilic Focus
* Lymph Node, Mesenteric [Lymphoma Malignant TGLs = 1-10]	Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Lymph Node, Mesenteric Lymphoma Malignant

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 664

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Mild
	[Nephropathy TGLs = 3-4]		
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
Mesentery	Fat	Necrosis	Marked
	Note: Fragment of pancreas adherent to mass, suggesting it might be progression of pancreatitis.		
	[Necrosis TGLs = 4-12]		
* Nose	Respirat Epith	Hyperplasia	Minimal
Peritoneum		Inflammation	Suppurative, Moderate
* Prostate		Inflammation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Mesentery Fat Necrosis
 CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Moderate Moderate
	[Nephropathy TGLs = 1-4]		
* Liver		Basophilic Focus Eosinophilic Focus Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 4,5,6-11+12+13]		
	[Hepatocellular Adenoma TGLs = 2,3-10+11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Atrophy	Mild
Tooth		Odontoma	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 665

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|--|------------------------|--------|
| * Liver | Eosinophilic Focus | |
| | Hepatoblastoma | |
| | Hepatocellular Adenoma | |
| [Eosinophilic Focus TGLs = 2-11] | | |
| [Hepatoblastoma TGLs = 4-13] | | |
| [Hepatocellular Adenoma TGLs = 3-12] | | |
| * Skin | Ulcer | Marked |
| [Ulcer TGLs = 1-10] | | |
| * Thymus | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Adenoma	
[Adenoma TGLs = 2-11]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Eosinophilic Focus TGLs = 1,3-10+11]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Thymus		Atrophy	Mild
	Epithel Cell	Hyperplasia	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 403

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone	Femur	Callus	Mild
* Heart	Valve	Inflammation	Marked
Note: Lesion contains bacterial colonies (septic valvular endocarditis).			
* Liver	[Basophilic Focus TGLs = 1-10]	Basophilic Focus	
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 598

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart	Mineralization	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLs = 1,2-10+11]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Lymph Follicle Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Mixed Cell Focus	
	[Hepatoblastoma TGLs = 1-10]	
	[Hepatocellular Adenoma TGLs = 2,3,4-11+12]	
	[Mixed Cell Focus TGLs = 5-13]	
* Lung	Alveolar/Bronchiolar Adenoma	
	Hepatoblastoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Adenoma TGLs = 6-14]	
* Nose	Respirat Epith	Hyperplasia
* Thymus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 633

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- | | |
|---------------|-----------------|
| * Gallbladder | * Mammary Gland |
|---------------|-----------------|

OBSERVATIONS

- | | | |
|----------|--|----------|
| * Kidney | Nephropathy | Moderate |
| * Liver | Eosinophilic Focus | |
| | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 3-12] | |
| | [Hepatocellular Adenoma TGLs = 1-10] | |
| | [Hepatocellular Carcinoma TGLs = 2-11] | |
| * Lung | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 4-12] | |
| * Thymus | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
Note: TGL-1 is also present on slides 3 and 5.			
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Minimal
	[Hyperplasia TGLs = 2-11]		
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	[Eosinophilic Focus TGLs = 3,4-4+10+12+13] [Hepatocellular Adenoma TGLs = 1,2-10+11]	Eosinophilic Focus Hepatocellular Adenoma	Multiple
* Nose	Respirat Epith	Hyperplasia	Mild
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 693

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Blood Vessel
- * Bone Marrow
- * Brain
- * Epididymis
- * Eye
- * Gallbladder
- * Harderian Gland
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Pancreas
- * Parathyroid Gland
- * Preputial Gland
- * Prostate
- * Salivary Glands
- * Stomach, Forestomach
- * Stomach, Glandular
- * Testes
- * Trachea
- * Urinary Bladder
- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Seminal Vesicle
- * Thyroid Gland

MISSING

- * Mammary Gland

OBSERVATIONS

- * Kidney
 - Cyst
 - Eosinophilic Focus
 - Hepatoblastoma
 - Hepatocellular Adenoma
 - Rhabdomyosarcoma
 - Mild
- * Liver
 - [Hepatocellular Adenoma TGLs = 3,4,5-12+13+14]
 - [Rhabdomyosarcoma TGLs = 6,7-14+15]
 - Multiple
 - Metastatic (Skeletal Muscle)
- * Lung
 - [Rhabdomyosarcoma TGLs = 9,11,10,12,13-16+17+18]
 - Rhabdomyosarcoma
 - Metastatic (Skeletal Muscle)
- * Nose
 - Skeletal Muscle
 - [Rhabdomyosarcoma TGLs = 1-10]
 - Polyp, Inflammatory
 - Rhabdomyosarcoma
 - Moderate
- * Skin
 - [Rhabdomyosarcoma TGLs = 2-11]
 - Rhabdomyosarcoma
 - Metastatic (Skeletal Muscle)
- * Spleen
 - [Rhabdomyosarcoma TGLs = 8-15]
 - Rhabdomyosarcoma
 - Metastatic (Skeletal Muscle)
- * Thymus
 - Rhabdomyosarcoma
 - Metastatic (Skeletal Muscle)
- Tooth
 - Dysplasia
 - Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 693

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902298

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Rhabdomyosarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 535

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------|--------------------------------|----------------|----------|
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Hepatoblastoma | |
| | Hepatocyte | Necrosis | Minimal |
| | [Hepatoblastoma TGLs = 1-10] | | |
| * Lymph Node, Mesenteric | | Inflammation | Moderate |
| | | Necrosis | Marked |
| | [Necrosis TGLs = 3-11] | | |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Thymus | | Atrophy | Marked |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Jejunum [Carcinoma TGLs = 5-13]		Carcinoma	
* Liver [Hepatocellular Adenoma TGLs = 1,3-10+12] [Hepatocellular Carcinoma TGLs = 2-11]		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
* Nose Respirat Epith		Hyperplasia	Minimal
* Spleen [Hematopoietic Cell Proliferation TGLs = 4-4]		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Necrosis	Minimal
	[Eosinophilic Focus TGLs = 1-10]		
	[Hepatocellular Adenoma TGLs = 2,3,4-11+12+13]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Minimal
	[Ulcer TGLs = 5-14]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver	Hepatocyte	Necrosis	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Moderate
		Atrophy	Marked

[Ulcer TGLs = 1-10]

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 613

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Sarcoma	
	[Hepatocellular Carcinoma TGLs = 2-11]		
	[Sarcoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Carcinoma	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Sarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 589

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 5,6-11+12] [Hepatocellular Adenoma TGLs = 4-10] [Hepatocellular Carcinoma TGLs = 3-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Ectasia	Marked
	[Ectasia TGLs = 1-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation Ulcer	Moderate Moderate Marked
	[Ulcer TGLs = 7-5+13]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Infarct	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
	[Eosinophilic Focus TGLs = 2,3,4-10+11+12]		
	[Hepatoblastoma TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 697

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Pancreas)
Coagulating Gland		Carcinoma	Metastatic (Pancreas)
* Epididymis		Carcinoma	Metastatic (Pancreas)
* Heart	Atrium	Cardiomyopathy	Minimal
		Thrombosis	Marked
	[Thrombosis TGLs = 5-3]		
* Intestine Large, Colon		Carcinoma	Metastatic (Pancreas)
* Kidney		Nephropathy	Moderate
* Liver		Carcinoma	Metastatic (Pancreas)
		Eosinophilic Focus	
		Fibrosis	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLs = 3-12]		
	[Hepatocellular Carcinoma TGLs = 2-11]		
* Lung		Carcinoma	Metastatic (Pancreas)
		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Pancreas)
	[Carcinoma TGLs = 4-13]		
* Pancreas		Carcinoma	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 697

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902306

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Ulcer TGLs = 1-10]	Ulcer	Marked
* Spleen	Carcinoma	Metastatic (Pancreas)
* Thymus	Carcinoma	Metastatic (Pancreas)

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Pancreas Carcinoma

- Spleen Carcinoma Pancreas

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 5,6-13+14]		
	[Hepatoblastoma TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 3,4,7,8-12+13+15+16]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear Cl, Mild
		Inflammation	Moderate
		Ulcer	Marked
	[Ulcer TGLs = 10-5]		
* Thyroid Gland	Follicular Cel	Adenoma	
	[Adenoma TGLs = 9-3]		
Tooth		Dysplasia	Mild
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Bone	Femur	Callus	Minimal
* Eye		Atrophy	Marked
	[Atrophy TGLs = 1-9]		
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 2-9]		
* Intestine Small, Jejunum		Diverticulum	Mild
	[Diverticulum TGLs = 11-15]		
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 7,8,13-12+13+16]	Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 4,5,6-10+11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Interstitialium	Fibrosis	Minimal
	[Alveolar/Bronchiolar Adenoma TGLs = 9-14]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 12-5]		
* Nose	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902308

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Hemosiderin, Moderate
* Thymus		Atrophy	Marked
		Thrombosis	Mild
Tooth		Dysplasia	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
[Hyperplasia	TGLs = 3-4]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 608

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

OBSERVATIONS

- | | | | |
|--|----------------|------------------------------|----------|
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 3-9] | | | |
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| [Eosinophilic Focus TGLs = 1,2-10+11] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLs = 5-13] | | | |
| * Spleen | Lymph Follicle | Atrophy | Moderate |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|----------|---|----------|
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Clear Cell Focus | |
| | Eosinophilic Focus | |
| | Hepatocellular Adenoma | Multiple |
| | [Clear Cell Focus TGLs = 3,4-10+12] | |
| | [Eosinophilic Focus TGLs = 2,6-11+13] | |
| | [Hepatocellular Adenoma TGLs = 1,5-10+13] | |
| * Thymus | Atrophy | Mild |

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Note: TGL-1 is completely infarcted but appears to have been an adenoma. [Hepatocellular Adenoma TGLs = 1,2,3,4-10+11+12+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 6-14]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 5-4]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Spleen)
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 3-10]		
	[Hemangiosarcoma TGLs = 2-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1-10]		
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 700

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Hepatocyte Hypertrophy	Minimal
	Hepatocyte Necrosis	Minimal
	[Eosinophilic Focus TGLs = 5-14]	
	[Hepatocellular Adenoma TGLs = 4-13]	
	[Hepatocellular Carcinoma TGLs = 1-10]	
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Skin	Ulcer	Marked
	[Ulcer TGLs = 2,3-11+12]	
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 4,5-13+14]		
	[Hepatoblastoma TGLs = 6-15]		
	[Hepatocellular Adenoma TGLs = 1,2,3-10+11+12]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Inflammation	Chronic Active, Marked
* Epididymis		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Moderate
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 6-15]		
	[Fatty Change TGLs = 7-11]		
	[Hemangiosarcoma TGLs = 2-10]		
	[Hepatocellular Adenoma TGLs = 3,4,5-12+13+14]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Marked
* Skin	Subcut Tiss	Necrosis	Marked
	[Necrosis TGLs = 1-11]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902316

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Epithelium

Hyperplasia

Moderate

Infiltration Cellular

Mononuclear CI, Mild

Inflammation

Mild

Ulcer

Moderate

[Ulcer TGLs = 8-5+15]

* Thymus

Atrophy

Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 3-12]		
	[Hepatocellular Adenoma TGLs = 1,2,6-10+11+14]		
	[Hepatocellular Carcinoma TGLs = 4-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Testes	Interstit Cell	Hyperplasia	Marked
	[Hyperplasia TGLs = 5-7]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 426

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Brain	Inflammation	Suppurative, Minimal
* Harderian Gland	Adenoma	
[Adenoma TGLs = 1-10]		
* Heart	Valve Inflammation	Marked
Note: Bacteria in lesion (septic valvular endocarditis).		
* Liver	Fatty Change	Moderate
[Fatty Change TGLs = 3-12]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLs = 2-11]		
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

CONTRIBUTORY CAUSE OF DEATH - Brain Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland	Adenoma	
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLs = 4-13]		
[Hepatocellular Adenoma TGLs = 1,2,3,5-10+11+12+14]		
* Thymus	Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 673

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
* Liver	Hepatocyte	Atrophy	Mild
	[Hepatocellular Carcinoma TGLs = 2-10]	Hepatocellular Carcinoma	
* Preputial Gland		Inflammation	Moderate
	[Inflammation TGLs = 1-8]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 714

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Harderian Gland		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		Osteosarcoma	Metastatic (Skin)
	[Clear Cell Focus TGLs = 6-14]		
	[Eosinophilic Focus TGLs = 3,7-12+15]		
	[Hepatocellular Adenoma TGLs = 1-10]		
	[Mixed Cell Focus TGLs = 2-11]		
	[Osteosarcoma TGLs = 8-16]		
* Lung		Osteosarcoma	Metastatic (Skin)
	[Osteosarcoma TGLs = 4-3]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Skin		Osteosarcoma	
	[Osteosarcoma TGLs = 5-13+17]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 714

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902321

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

Tooth

Dysplasia

Minimal

PRIMARY CAUSE OF DEATH

- Skin Osteosarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 5-13]		
	[Hepatocellular Adenoma TGLs = 1,2,3,4-10+11+12]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Thymus		Atrophy	Marked

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver

Basophilic Focus
Eosinophilic Focus
Hepatoblastoma
Hepatocellular Adenoma

[Eosinophilic Focus TGLs = 3,4,5,6-12+13+14+15]

[Hepatoblastoma TGLs = 1-10]

[Hepatocellular Adenoma TGLs = 2-11]

* Lung

Bronchiole

Hyperplasia

Mild

* Nose

Respirat Epith

Hyperplasia

Minimal

* Thymus

Atrophy

Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

OBSERVATIONS

- | | | | |
|----------|--|--------------------------------|----------|
| * Heart | | Cardiomyopathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | [Hepatocellular Adenoma TGLs = 2,3,4,5,6-10+12+13+14+15] | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 1-11] | | |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Thymus | | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Infarct	Moderate
	Papilla	Necrosis	Minimal
* Spleen		Hemangiosarcoma	
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 2-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hemorrhage	Marked
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLs = 1-8]		
* Stomach, Forestomach		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 687

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Kidney		Hydronephrosis	Marked
	[Hydronephrosis TGLs = 4,5-13]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 3-12]		
	[Hepatocellular Adenoma TGLs = 2-10]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 1-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Pigmentation	Hemosiderin, Marked
* Thyroid Gland		Cyst	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Hydronephrosis

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Mild
[Inflammation TGLs = 6-9]			
* Harderian Gland		Adenoma	
[Adenoma TGLs = 5-14]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Moderate
		Infarct	Moderate
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLs = 1,2,3,4-4+10+11+12+13]			
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	[Hepatocellular Adenoma TGLs = 2-10]	Hepatocellular Adenoma	
* Lung	Alveolar Epith	Hyperplasia	Marked
* Nose	Respirat Epith	Hyperplasia	Minimal
* Testes	Germinal Epith	Degeneration	Moderate
	[Degeneration TGLs = 1-7]		
* Thymus		Atrophy	Mild
Tooth		Dysplasia	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 470

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Pancreas)
* Epididymis		Carcinoma	Metastatic (Pancreas)
* Gallbladder		Carcinoma	Metastatic (Pancreas)
* Heart		Carcinoma	Metastatic (Pancreas)
		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Carcinoma	Metastatic (Pancreas)
* Intestine Small, Duodenum		Carcinoma	Metastatic (Pancreas)
* Intestine Small, Ileum		Carcinoma	Metastatic (Pancreas)
* Kidney		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Pancreas)
	[Hepatocellular Adenoma TGLs = 2-10]	Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Pancreas)
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Pancreas)
Mesentery		Carcinoma	Metastatic (Pancreas)
	[Carcinoma TGLs = 3-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Carcinoma	
Peritoneum		Carcinoma	Metastatic (Pancreas)
* Seminal Vesicle		Carcinoma	Metastatic (Pancreas)

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 470

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902330

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Carcinoma	Metastatic (Pancreas)
* Stomach, Glandular	Carcinoma	Metastatic (Pancreas)
* Testes	Carcinoma	Metastatic (Pancreas)
* Urinary Bladder	Carcinoma	Metastatic (Pancreas)

PRIMARY CAUSE OF DEATH - Pancreas Carcinoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 613

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas |
| * Parathyroid Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | |
|-----------------|-------------------|
| * Mammary Gland | * Pituitary Gland |
|-----------------|-------------------|

OBSERVATIONS

- | | | | |
|----------|----------------------------------|------------------|----------|
| * Liver | | Clear Cell Focus | |
| | | Hepatoblastoma | |
| | [Clear Cell Focus TGLs = 2-10] | | |
| | [Hepatoblastoma TGLs = 1-10] | | |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Spleen | | Atrophy | Mild |
| * Testes | Germinal Epith | Degeneration | Moderate |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 713

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Liver)
* Kidney		Nephropathy	Moderate
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	Multiple
	[Hemangiosarcoma TGLs = 4,5-12+13]		
	[Hepatocellular Adenoma TGLs = 1,2,3-10+11]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Arteriole	Fibrosis	Mild
* Thymus		Atrophy	Marked
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 713

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Marked
	[Hepatocellular Adenoma TGLs = 1-10]		
	[Necrosis TGLs = 2-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocyte Necrosis

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|-----------------|--|------------------------|----------|
| * Liver | | Angiectasis | Minimal |
| | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| | [Eosinophilic Focus TGLs = 2,3,4,6-11+12+14] | | |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| | [Mixed Cell Focus TGLs = 5-13] | | |
| * Spleen | | Hemangioma | |
| * Thymus | | Atrophy | Moderate |
| * Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 568

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 3,4-12+13]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Skin		Ulcer	Marked
	[Ulcer TGLs = 2-11]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Lymphoma Malignant	
* Intestine Large, Cecum		Carcinoma	
[Carcinoma TGLs = 3-11]			
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[Eosinophilic Focus TGLs = 4,5-12+13]			
[Hepatocellular Carcinoma TGLs = 1-10]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLs = 2-5]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Small, Ileum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Pancreas
- * Prostate
- * Salivary Glands
- * Testes
- * Thyroid Gland
- * Blood Vessel
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Lung
- * Parathyroid Gland
- * Seminal Vesicle
- * Trachea
- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Stomach, Glandular
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Intestine Small, Jejunum
[Carcinoma TGLs = 4-13]
 - * Kidney
 - * Liver
[Clear Cell Focus TGLs = 3-12]
 - * Nose
 - * Preputial Gland
 - * Skin
Note: Abscess
[Inflammation TGLs = 1-10]
 - * Spleen
[Hemangiosarcoma TGLs = 2-11]
 - * Stomach, Forestomach
 - * Thymus
[Ulcer TGLs = 5-5]
- Respirat Epith
- Epithelium
- Carcinoma
- Nephropathy
- Clear Cell Focus
- Hyperplasia
- Inflammation
- Inflammation
- Hemangiosarcoma
- Hyperplasia
- Infiltration Cellular
- Inflammation
- Ulcer
- Atrophy
- Minimal
- Moderate
- Marked
- Moderate
- Moderate
- Mild
- Mild
- Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 1-10]		
	[Hepatocellular Adenoma TGLs = 2-11]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 3-11]		
* Thymus		Atrophy	Mild
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 513

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Colon	Carcinoma	
[Diverticulum TGLs = 4-11]	Diverticulum	Marked
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLs = 5-12]	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLs = 2-10]		
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLs = 3-5]		
* Preputial Gland	Atrophy	Moderate
[Atrophy TGLs = 1-8]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
	[Adenoma TGLs = 1-9]		
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Cyst	Marked
		Tension Lipidosis	
	[Cyst TGLs = 2-10]		
* Lung		Hypertrophy	Mild
	[Hypertrophy TGLs = 3-11]		
* Nose		Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Blood Vessel
- * Bone Marrow
- * Brain
- * Epididymis
- * Esophagus
- * Eye
- * Gallbladder
- * Harderian Gland
- * Heart
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Lung
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Pancreas
- * Parathyroid Gland
- * Pituitary Gland
- * Preputial Gland
- * Prostate
- * Salivary Glands
- * Seminal Vesicle
- * Stomach, Glandular
- * Testes
- * Thyroid Gland
- * Trachea
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Bone Hemangiosarcoma Metastatic (Spleen)
- * Kidney Renal Tubule Adenoma Lymphocyte, Marked
- [Adenoma TGLs = 10-17]
- * Liver Eosinophilic Focus Multiple
- Hepatocellular Adenoma
- Hepatocellular Carcinoma
- Mixed Cell Focus
- [Hepatocellular Adenoma TGLs = 3,4,6,7-11+13+14]
- [Hepatocellular Carcinoma TGLs = 5-12]
- Mesentery Hemorrhage Marked
- [Hemorrhage TGLs = 8-15]
- * Nose Respirat Epith Hyperplasia Mild
- * Skin Hemangiosarcoma
- [Hemangiosarcoma TGLs = 9-16]
- * Spleen Hemangiosarcoma
- [Hemangiosarcoma TGLs = 1,2-10]
- * Stomach, Forestomach Epithelium Hyperplasia Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902341

ORGAN AND ACCOUNTABLE SITE STATUS

Infiltration Cellular

Mononuclear CI, Mild

Inflammation

Mild

Ulcer

Mild

[Ulcer TGLs = 11-5]

Atrophy

Marked

* Thymus

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Eye		Cataract	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 4-12]		
	[Hepatocellular Adenoma TGLs = 1,2,3,5-10+11+12+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 7-14]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 6-14]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 8-15]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------|---|------------------------|----------------------|
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | [Clear Cell Focus TGLs = 2,4-11+13] | | |
| | [Hepatocellular Adenoma TGLs = 1,3-10+12] | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Moderate |
| | | Ulcer | Moderate |
| | [Ulcer TGLs = 5-5+14] | | |
| * Thymus | | Atrophy | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 577

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma Necrosis	Mild
	Hepatocyte		
	[Hepatocellular Adenoma TGLs = 4-12]		
	[Hepatocellular Carcinoma TGLs = 3-11]		
Lymph Node		Hepatocellular Carcinoma	Metastatic (Liver)
	Note: Lesion is completely infarcted, but outlines favor metastatic hepatocellular carcinoma.		
	[Hepatocellular Carcinoma TGLs = 2-10]		
* Nose	Respirat Epith	Necrosis	Minimal
* Preputial Gland		Ectasia	Marked
	[Ectasia TGLs = 1-8]		
* Stomach, Forestomach	Epithelium	Hyperplasia Infiltration Cellular Inflammation Ulcer	Moderate Mononuclear CI, Moderate Moderate Moderate
	[Ulcer TGLs = 5-5+13]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

OBSERVATIONS

- | | | | |
|------------------------|--|--------------------------------|--------------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 3,6-11+12] | | |
| | [Hepatocellular Adenoma TGLs = 2,4-11+13] | | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 5-14] | | |
| * Preputial Gland | | Inflammation | Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Moderate |
| | | Inflammation | Mild |
| | | Ulcer | Moderate |
| | [Ulcer TGLs = 7-5+15] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

OBSERVATIONS

* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLs = 1,2,3,5-10+11+12+13]		
	[Hepatocellular Carcinoma TGLs = 4-12]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Basophilic Focus	

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 535

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
	[Infiltration Cellular TGLs = 2-5]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 3-5+11]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Nose
- * Pancreas
- * Preputial Gland
- * Prostate
- * Skin
- * Spleen
- * Thyroid Gland
- * Trachea
- Blood Vessel
- * Epididymis
- * Harderian Gland
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Urinary Bladder
- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular

MISSING

- * Mammary Gland
- * Thymus

OBSERVATIONS

- * Heart
- * Kidney
- * Liver
- Cardiomyopathy
- Nephropathy
- Eosinophilic Focus
- Hemangiosarcoma
- Hepatocellular Adenoma
- Hepatocellular Carcinoma
- Oval Cell
- Hepatocyte
- Kupffer Cell
- Hyperplasia
- Hypertrophy
- Pigmentation
- [Eosinophilic Focus TGLs = 5-14]
- [Hemangiosarcoma TGLs = 2-11]
- [Hepatocellular Adenoma TGLs = 3,4-12+13]
- [Hepatocellular Carcinoma TGLs = 1-10]
- * Lung
- Hepatocellular Carcinoma
- [Hepatocellular Carcinoma TGLs = 6-14]
- * Testes
- Germinal Epith
- Degeneration
- Mild
- Mild
- Multiple
- Minimal
- Minimal
- Minimal
- Metastatic (Liver)
- Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Carcinoma	
Note: TGL-2 also on slide 3.			
	[Hepatoblastoma TGLs = 2-11]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLs = 6-5]		
Mesentery	Fat	Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLs = 3-12]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 4,5-13]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902349

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Oval Cell	Minimal
	Kupffer Cell	Mild
	[Eosinophilic Focus TGLs = 4,5-13+14]	
	[Hepatocellular Adenoma TGLs = 1,2,3,6-10+11+12+13]	
* Thymus	Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 613

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

Coagulating Gland		Inflammation	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 5,6-10+12]		
	[Hepatocellular Adenoma TGLs = 3-12]		
	[Hepatocellular Carcinoma TGLs = 4-13]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Minimal
* Skin		Ulcer	Marked
	[Ulcer TGLs = 1,2-10+11]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Minimal
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLs = 6-9]			
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLs = 4,5-11+12]			
[Hepatocellular Adenoma TGLs = 1,2,3-10+11+12]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLs = 7-5]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Moderate
		Ulcer	Moderate
[Ulcer TGLs = 8-5+13]			
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Hypertrophy	Minimal
	[Hepatocellular Adenoma TGLs = 1,2,3,4,6-10+11+12+13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
	[Hyperplasia TGLs = 5-14]		
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Spleen | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

OBSERVATIONS

- | | | | |
|--|----------------|------------------------|----------------------|
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 7-9] | | | |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | | Mixed Cell Focus | |
| [Eosinophilic Focus TGLs = 4,5-12+13] | | | |
| [Hepatocellular Adenoma TGLs = 2,3,6-10+12+13] | | | |
| * Nose | Respirat Epith | Hyperplasia | Mild |
| * Skin | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLs = 1-11] | | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Moderate |
| | | Ulcer | Mild |
| [Ulcer TGLs = 8-5+14] | | | |
| * Stomach, Glandular | | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 674

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Atrium	Thrombosis	Marked
[Thrombosis TGLs = 4-3]			
* Kidney	Renal Tubule	Degeneration	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLs = 1-10]			
[Hepatocellular Adenoma TGLs = 2-11]			
[Hepatocellular Carcinoma TGLs = 3,5-12]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
		Pigmentation	Hemosiderin, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Moderate
* Testes	Germinal Epith	Degeneration	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 674

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902356

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH - Heart Atrium Thrombosis

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 2-5+10]		
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma	TGLs = 1,2,3,4,5-10+11+12+13+14]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild
[Ulcer	TGLs = 6-15]		
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1,3,4,5-10+12+13+14]	
	[Mixed Cell Focus TGLs = 2-11]	
* Thymus	Atrophy	Marked
Tooth	Dysplasia	Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
* Liver	Hepatocyte	Atrophy	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	[Eosinophilic Focus TGLs = 5-14]		
	[Hepatocellular Adenoma TGLs = 2,3,4-11+12+13]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Histiocytic Sarcoma	
* Preputial Gland		Histiocytic Sarcoma	
* Salivary Glands		Histiocytic Sarcoma	
Skeletal Muscle		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 6-15]		
* Skin		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902360

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Spleen Histiocytic Sarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 540

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Liver		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Diffuse, Moderate
* Nose		Inflammation	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Moderate
		Ulcer	Mild
	[Ulcer TGLs = 1-5]		
* Stomach, Glandular		Hyperplasia	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902362

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902363

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 6-15]

* Thymus

Atrophy

Moderate

Tooth

Dysplasia

Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Large, Colon	Hyperplasia	Adenomatous, Focal, Marked
* Liver	Clear Cell Focus	
	Fatty Change	Minimal
	Hepatocellular Adenoma	
[Clear Cell Focus TGLs = 2-11]		
[Hepatocellular Adenoma TGLs = 1-10]		
* Thymus	Atrophy	Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLs = 2-11]	
		[Hepatocellular Adenoma TGLs = 5-13]	
		[Hepatocellular Carcinoma TGLs = 1,3,4-10+12+13]	
* Lung		Hepatoblastoma	Metastatic (Liver)
	Arteriole	Thrombosis	Minimal
	Note: Arterio/atherosclerosis noted.		
* Preputial Gland		Inflammation	Marked
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 5-14]		
	[Eosinophilic Focus TGLs = 6-11]		
	[Hepatocellular Adenoma TGLs = 1,2,3-10+11+12]		
	[Mixed Cell Focus TGLs = 4-13]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLs = 7-15]		
	[Hyperplasia TGLs = 8-16]		
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLs = 4,8,9-12+14+16]	
	[Hepatocellular Adenoma TGLs = 3,5,6-11+13+14]	
* Lung	Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 7-15]	
* Spleen	Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1,2-10]	
* Thymus	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 4-11]		
	[Hemangiosarcoma TGLs = 3-12]		
	[Mixed Cell Focus TGLs = 2-11]		
* Skin		Melanoma Benign	
	[Melanoma Benign TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 5-5+13]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 4-13]		
	[Hepatocellular Adenoma TGLs = 2,3,5-11+12+13]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1,2-10+11]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 3-12]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Heart
- * Intestine Large, Cecum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Preputial Gland
- * Seminal Vesicle
- * Skin
- * Stomach, Glandular
- * Testes
- * Urinary Bladder
- Blood Vessel
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Pancreas
- * Prostate
- * Spleen
- * Thyroid Gland
- * Bone
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Trachea

MISSING

- * Mammary Gland

OBSERVATIONS

- * Epididymis
- * Eye
- [Inflammation TGLs = 8-8]
- * Harderian Gland
- [Carcinoma TGLs = 9-9]
- * Kidney
- * Liver
- [Eosinophilic Focus TGLs = 2-10]
- [Hepatocellular Adenoma TGLs = 1,3,4,6-10+11+13]
- * Lung
- [Hyperplasia TGLs = 7-14]
- Mesentery
- [Necrosis TGLs = 5-12]
- * Nose
- * Thymus
- Cornea
- Granuloma Sperm Inflammation
- Carcinoma
- Nephropathy
- Basophilic Focus
- Clear Cell Focus
- Eosinophilic Focus
- Hepatocellular Adenoma
- Alveolar Epith
- Fat
- Respirat Epith
- Hyperplasia
- Necrosis
- Hyperplasia
- Atrophy
- Mild
- Moderate
- Minimal
- Multiple
- Moderate
- Marked
- Minimal
- Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------|--|------------------------|----------|
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | | Mixed Cell Focus | |
| | [Eosinophilic Focus TGLs = 3-12] | | |
| | [Hepatocellular Adenoma TGLs = 1,2,4,5-10+11+13] | | |
| | [Mixed Cell Focus TGLs = 6-12] | | |
| * Nose | Respirat Epith | Hyperplasia | Minimal |

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Angiectasis	Minimal
	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1,2,3,4-10+11+12]	
	[Mixed Cell Focus TGLs = 5-13]	
* Lung	Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 6-14]	
* Thymus	Atrophy	Marked

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Pancreas
- * Preputial Gland
- * Prostate
- * Skin
- * Stomach, Forestomach
- * Thyroid Gland
- * Trachea
- Blood Vessel
- * Epididymis
- * Heart
- * Intestine Small, Duodenum
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder
- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Pituitary Gland
- * Seminal Vesicle
- * Testes

MISSING

- * Mammary Gland
- * Thymus

OBSERVATIONS

- * Harderian Gland
- * Intestine Small, Jejunum
- * Kidney
- * Liver
- [Eosinophilic Focus TGLs = 6,11-14+18]
- [Hepatocellular Adenoma TGLs = 4,5,10-12+13]
- * Lung
- Alveolar Epith
- Hyperplasia
- Lymph Node
- Axillary
- Lymphoma Malignant
- Lumbar
- Lymphoma Malignant
- Renal
- Lymphoma Malignant
- [Lymphoma Malignant TGLs = 2-11]
- [Lymphoma Malignant TGLs = 7-15]
- [Lymphoma Malignant TGLs = 8-16]
- * Lymph Node, Mandibular
- Lymphoma Malignant
- [Lymphoma Malignant TGLs = 1-10]
- * Lymph Node, Mesenteric
- Lymphoma Malignant
- [Lymphoma Malignant TGLs = 9-17]

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902374

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-4]		
Tooth		Dysplasia	Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2,5-11+14]		
	[Hepatocellular Adenoma TGLs = 1,3,4-10+12+13]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Marked
	[Alveolar/Bronchiolar Carcinoma TGLs = 6-2]		
	[Hyperplasia TGLs = 8-16]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Prostate		Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
	[Hyperplasia TGLs = 7-15]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma	TGLs = 1,2,3,4,5-10+11+12+13+14]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Stomach, Glandular		Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Fibrosarcoma	
Note: Tail affected.			
	[Fibrosarcoma	TGLs = 6-15]	
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemorrhage	Chronic, Marked
		Hepatocellular Adenoma	Multiple
Note: Hematoma			
	[Hemorrhage	TGLs = 5-13]	
	[Hepatocellular Adenoma	TGLs = 1,2,3,4-10+11+12]	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma	TGLs = 7-14]	
* Nose	Respirat Epith	Hyperplasia	Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 522

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Hepatocellular Adenoma	
	Tension Lipidosis	Minimal
[Hepatocellular Adenoma TGLs = 1-10]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLs = 2-10]		
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|-------------------|---|------------------------|----------|
| * Eye | | Atrophy | Marked |
| | [Atrophy TGLs = 1-9] | | |
| * Harderian Gland | | Carcinoma | |
| | [Carcinoma TGLs = 5-9] | | |
| * Liver | | Clear Cell Focus | |
| | [Eosinophilic Focus TGLs = 7-12] | Eosinophilic Focus | |
| | [Hepatocellular Adenoma TGLs = 2,3,4,6-10+11+12+13] | Hepatocellular Adenoma | Multiple |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Thymus | | Atrophy | Moderate |

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 668

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
-----------------	----------

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney	Pelvis	Inflammation	Moderate
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLs = 3,4-12+13]		
* Prostate		Inflammation	Moderate
* Skin		Ulcer	Marked
	[Ulcer TGLs = 1,2-10+11]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
	[Hyperplasia TGLs = 5-14]		
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Infiltration Cellular	Lymphocyte, Moderate
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLs = 4-13]	
	[Hepatocellular Adenoma TGLs = 3-12]	
	[Hepatocellular Carcinoma TGLs = 1,2-10+11]	
* Stomach, Forestomach	Hyperkeratosis	Minimal
* Thymus	Atrophy	Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Vertebra	Hemangiosarcoma	Metastatic (Spleen)
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 1-10]		
	[Clear Cell Focus TGLs = 2-11]		
	[Eosinophilic Focus TGLs = 5-10+14]		
	[Mixed Cell Focus TGLs = 6-11+15]		
* Lung	Serosa	Hemangiosarcoma	Metastatic (Spleen)
	Note: Dorsal thoracic cavity with invasion of vertebrae.		
	[Hemangiosarcoma TGLs = 3-12+16]		
* Lymph Node, Mesenteric		Hemangiosarcoma	Metastatic (Spleen)
	[Hemangiosarcoma TGLs = 7-5]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 4-13]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902382

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

Tooth

Dysplasia

Minimal

Inflammation

Mild

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|--|--|----------|
| * Intestine Small, Jejunum
[Polyp Adenomatous TGLs = 7-15] | Polyp Adenomatous | |
| * Liver
[Hepatoblastoma TGLs = 3-12]
[Hepatocellular Adenoma TGLs = 1,2,4,5-10+11+13+14] | Hepatoblastoma
Hepatocellular Adenoma | Multiple |
| * Lung
[Alveolar/Bronchiolar Adenoma TGLs = 6-3] | Alveolar/Bronchiolar Adenoma | |
| * Thymus | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------|--|------------------------------|----------------------|
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 9-9] | | |
| * Liver | | Eosinophilic Focus | |
| | [Eosinophilic Focus TGLs = 2,4,8-5+12] | Hepatocellular Adenoma | Multiple |
| | [Hepatocellular Adenoma TGLs = 1,3-10+12] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 5-13] | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Mild |
| | | Ulcer | Moderate |
| | [Ulcer TGLs = 6,7-11] | | |
| * Thymus | | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 707

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Adenoma
[Adenoma TGLs = 1-9]	
* Liver	Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: All tissues autolyzed.

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 686

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Joint	Degeneration	Moderate
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Clear Cell Focus	
		Cyst	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[Cyst TGLs = 2-11]	
		[Hepatoblastoma TGLs = 1-10]	
		[Mixed Cell Focus TGLs = 3-4+5+11+12]	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Ulcer	Minimal
		[Ulcer TGLs = 4-5+13]	
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 609

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------|--|--------------------------|----------------------|
| * Kidney | | Nephropathy | Mild |
| | [Nephropathy TGLs = 4-4] | | |
| * Liver | | Angiectasis | Moderate |
| | [Angiectasis TGLs = 3-11] | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLs = 2-10] | | |
| * Preputial Gland | | Ectasia | Marked |
| | [Ectasia TGLs = 1-8] | | |
| * Spleen | Lymph Follic | Atrophy | Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Mild |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 5-5+12] | | |
| * Thymus | | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 585

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla [Hyperplasia TGLs = 4-6]	Hyperplasia	Marked
* Bone Marrow	Hyperplasia	Mild
* Kidney [Nephropathy TGLs = 8-16]	Nephropathy	Mild
* Liver [Hepatocellular Adenoma TGLs = 5-13] [Hepatocellular Carcinoma TGLs = 6,7-14+15]	Angiectasis Hepatocellular Adenoma Hepatocellular Carcinoma	Minimal Multiple
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Skin [Ulcer TGLs = 1,2,3,-10+11+12]	Ulcer	Marked
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 511

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|-------------------|-----------------------------|--------------------|----------|
| * Eye | | Inflammation | Moderate |
| | [Inflammation TGLs = 2-9] | | |
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 3-9] | | |
| * Kidney | | Nephropathy | Mild |
| | [Nephropathy TGLs = 1-4] | Pigmentation | Moderate |
| * Liver | Bile Duct | Cyst | Minimal |
| | Hepatocyte | Eosinophilic Focus | |
| | [Cyst TGLs = 4-10] | Hypertrophy | Minimal |

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

CONTRIBUTORY CAUSE OF DEATH - Eye Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 686

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Hemangiosarcoma	Metastatic (Spleen)
		Nephropathy	Mild
	[Hemangiosarcoma TGLs = 4-12]		
* Liver		Basophilic Focus	
		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	
		Hyperplasia	Histiocytic, Minimal
	[Basophilic Focus TGLs = 7-13]		
	[Hemangiosarcoma TGLs = 3-11]		
	[Hepatocellular Adenoma TGLs = 5-13]		
* Skin		Ulcer	Mild
	[Ulcer TGLs = 2-11]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear Cl, Mild
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 686

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902391

ORGAN AND ACCOUNTABLE SITE STATUS

Ulcer

Mild

[Ulcer TGLs = 6-5+14]

Atrophy

Moderate

* Thymus

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 421

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

Blood Vessel		Inflammation	Mild
Note: Vessels of the lungs affected.			
* Kidney		Nephropathy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------|----------------------------------|-----------------------|----------------------|
| * Kidney | | Cyst | Minimal |
| | | Nephropathy | Moderate |
| | [Nephropathy TGLs = 3-4] | | |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | [Basophilic Focus TGLs = 2-11] | | |
| Mesentery | | Hemangiosarcoma | |
| | [Hemangiosarcoma TGLs = 1-10] | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear Cl, Mild |
| | | Inflammation | Mild |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 4,5-5+12] | | |
| * Thymus | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Mild
[Nephropathy TGLs = 1-4]		
* Liver	Eosinophilic Focus	
* Thymus	Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 718

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2,4-11+12]		
	[Hepatocellular Adenoma TGLs = 1,3-10+12]		
	[Mixed Cell Focus TGLs = 5-13]		
* Lung	Alveolar Epith	Hypertrophy	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLs = 6-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Marked
		Ulcer	Marked
	[Ulcer TGLs = 7-5+14]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 653

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Inflammation	Mild
		Nephropathy	Mild
* Liver		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 4-12]		
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLs = 1-8]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 2,3-10+11]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 511

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Hepatocellular Adenoma	
	[Basophilic Focus TGLs = 1-10]		
	[Hepatocellular Adenoma TGLs = 2-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
Spinal Cord	Axon	Degeneration	Moderate
	Note: Degeneration (Wallerian) most notable in lumbar cord and cauda equina.		
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH - Spinal Cord Axon Degeneration

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Multiple, Marked
[Cyst TGLs = 1,2-10]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Moderate
* Liver	[Adenoma TGLs = 8-17]		
	Bile Duct	Basophilic Focus	
		Cyst	Minimal
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Necrosis	Mild
	[Eosinophilic Focus TGLs = 1-10]		
	[Hepatoblastoma TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 3,4,5-12+13+14]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 7-16]		
* Lymph Node, Mesenteric		Inflammation	Moderate
		Necrosis	Lymphoid, Mild

Note: Bacilli present in lesion.

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902400

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLs = 6-15]

* Nose	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 502

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 537

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone
- * Bone Marrow
- * Brain
- * Epididymis
- * Esophagus
- * Eye
- * Gallbladder
- * Harderian Gland
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Islets, Pancreatic
- * Kidney
- * Lung
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Nose
- * Pancreas
- * Parathyroid Gland
- * Pituitary Gland
- * Prostate
- * Salivary Glands
- * Seminal Vesicle
- * Stomach, Glandular
- * Testes
- * Thyroid Gland
- * Trachea
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- Blood Vessel Inflammation Mild
- * Heart Mineralization Minimal
- * Intestine Small, Jejunum Polyp Adenomatous
- [Polyp Adenomatous TGLs = 4-12]
- * Liver Eosinophilic Focus
- Hepatocyte Hepatocellular Adenoma
- Necrosis Moderate
- [Hepatocellular Adenoma TGLs = 3-11]
- * Preputial Gland Inflammation Moderate
- * Skin Ulcer Mild
- [Ulcer TGLs = 1-10]
- * Spleen Hematopoietic Cell Proliferation Moderate
- [Hematopoietic Cell Proliferation TGLs = 2-4]
- * Stomach, Forestomach Epithelium Hyperplasia Moderate
- Infiltration Cellular Mononuclear CI, Moderate
- Inflammation Marked
- Ulcer Moderate

Note: TGL-5 also visible on block 5.

[Ulcer TGLs = 5-13]

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 537

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902402

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Polyp Adenomatous

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocyte Necrosis

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 633

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 2-11]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
	[Mixed Cell Focus TGLs = 3-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Marked
	[Hyperplasia TGLs = 5-13]		
* Spleen		Angiectasis	Mild
		Fibrosis	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 633

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902403

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 4-5+12]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 385

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Brain | * Epididymis | * Esophagus | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------|----------------------------------|-----------------------|--------------------------|
| * Bone Marrow | | Atrophy | Mild |
| * Eye | | Cataract | Mild |
| * Kidney | | Nephropathy | Mild |
| * Stomach, Forestomach | | Hyperkeratosis | Marked |
| | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Moderate |
| | | Inflammation | Mild |
| | | Ulcer | Mild |
| | [Hyperkeratosis TGLs = 1-5+10] | | |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Nose
- * Pituitary Gland
- * Preputial Gland
- * Seminal Vesicle
- * Skin
- * Testes
- * Thymus
- * Urinary Bladder
- Blood Vessel
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Pancreas
- * Prostate
- * Spleen
- * Thyroid Gland
- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Glandular
- * Trachea

MISSING

- * Mammary Gland

OBSERVATIONS

- * Kidney
 - Cyst Mild
 - Hydronephrosis Mild
 - Nephropathy Moderate
- * Liver
 - [Nephropathy TGLs = 6-4]
 - Bile Duct
 - Clear Cell Focus
 - Cyst Moderate
 - Eosinophilic Focus
 - Hepatocellular Adenoma
 - [Cyst TGLs = 3-12]
 - [Eosinophilic Focus TGLs = 4,5-13+14]
 - [Hepatocellular Adenoma TGLs = 1-10]
- * Lung
 - Alveolar/Bronchiolar Adenoma
 - [Alveolar/Bronchiolar Adenoma TGLs = 2-11]
- * Stomach, Forestomach
 - Epithelium
 - Hyperplasia Moderate
 - Infiltration Cellular Mononuclear CI, Moderate
 - Inflammation Mild
 - Ulcer Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902405

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 7-5+15]

Tooth

Dysplasia

Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 411

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Joint	Degeneration	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	[Clear Cell Focus TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Moderate
		Ulcer	Moderate
	[Ulcer TGLs = 2-5+11]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 543

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Intestine Small, Jejunum [Polyp Adenomatous TGLs = 5-13]	Polyp Adenomatous	
* Liver Hepatocyte [Hepatocellular Adenoma TGLs = 2,3,4-10+11+12]	Eosinophilic Focus Hepatocellular Adenoma Necrosis	Multiple Mild
* Nose	Inflammation	Minimal
* Preputial Gland [Ectasia TGLs = 1-8]	Ectasia	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 465

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Tension Lipidosis	Minimal
Note: TGL-1 also present on slide 3. [Hepatocellular Adenoma TGLs = 1-10]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Hyperplasia	Marked
* Kidney		Cyst	Moderate
		Nephropathy	Mild
	[Cyst TGLs = 1-10]		
* Liver		Clear Cell Focus	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Mild
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 451

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0902410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Esophagus	Inflammation	Moderate
[Inflammation TGLs = 5-13]		
* Heart	Cardiomyopathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Mixed Cell Focus	
[Hepatocellular Carcinoma TGLs = 1-3+10]		
[Mixed Cell Focus TGLs = 2-11]		
* Lung	Inflammation	Marked
[Inflammation TGLs = 4,6-3+12]		
* Thymus	Atrophy	Marked

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 613

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Moderate
		Ulcer	Marked
	[Ulcer TGLs = 1-5+10]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 233

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Moderate
		Ulcer	Mild
	[Ulcer TGLs = 2-5+10]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 213

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Necrosis	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Marked
		Inflammation	Moderate
		Ulcer	Moderate
		Atrophy	Mild

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Cyst	Moderate
[Nephropathy TGLs = 1-4]	Nephropathy	Mild
* Thymus	Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 548

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Moderate
		Ulcer	Moderate
	[Ulcer TGLs = 2-5+10]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLs = 5-13]		
	[Eosinophilic Focus TGLs = 2,3,4-11+12]		
	[Hepatocellular Adenoma TGLs = 1,8-10+15]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 9-16]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[Hyperplasia TGLs = 6-5]		
* Nose	Respirat Epith	Hyperplasia	Mild
* Skin		Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLs = 7-14]		
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
	[Nephropathy TGLs = 7-4]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1,2,3,5-10+11+12+13]		
	[Mixed Cell Focus TGLs = 4-12]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear Cl, Moderate
		Inflammation	Moderate
		Ulcer	Moderate
	[Ulcer TGLs = 6-14]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 594

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Leukemia Granulocytic	
* Bone		Fibro-Osseous Lesion	
* Esophagus		Leukemia Granulocytic	
* Kidney		Leukemia Granulocytic	
		Nephropathy	Mild
* Liver		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLs = 1-3+4+5+10]		
* Lymph Node, Mesenteric		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLs = 2-11]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Granulocytic	
* Thymus		Leukemia Granulocytic	
	[Leukemia Granulocytic TGLs = 3-6]		

PRIMARY CAUSE OF DEATH - Liver Leukemia Granulocytic

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Adenoma Cyst	Minimal
	[Adenoma TGLs = 3-12]		
* Liver		Eosinophilic Focus Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 4-13]		
	[Hepatocellular Carcinoma TGLs = 2-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia Infiltration Cellular Inflammation Ulcer	Moderate Mononuclear CI, Mild Mild Moderate
	[Ulcer TGLs = 5-5+14]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 704

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone	Joint	Degeneration	Minimal
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 3-9]		
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 2-11]	Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,4-10+12]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Moderate
	[Ulcer TGLs = 5-5+13]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 616

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Liver	Hepatocellular Adenoma
Note: TGL-1 also present on block 5. [Hepatocellular Adenoma TGLs = 1-10]	
* Preputial Gland	Inflammation Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 661

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
	[Nephropathy TGLs = 2-4]		
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Marked
	[Hepatocellular Adenoma TGLs = 3-10]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 4-11]		
* Nose		Hyperplasia	Minimal
* Preputial Gland		Ectasia	Moderate
	[Ectasia TGLs = 1-8]		
* Stomach, Forestomach		Hyperplasia	Mild
	Epithelium	Inflammation	Mild
		Ulcer	Moderate
	[Ulcer TGLs = 5-12]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 528

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|-----------------|---------------------|
| * Mammary Gland | * Parathyroid Gland |
|-----------------|---------------------|

OBSERVATIONS

- | | | | |
|-----------------------------------|----------------|--------------------|----------|
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 1-9] | | | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| Peripheral Nerve | Axon, Sciatic | Degeneration | Moderate |
| Spinal Cord | Axon | Degeneration | Mild |
| Note: Cauda equina most affected. | | | |
| * Spleen | | Atrophy | Mild |
| [Atrophy TGLs = 2-4] | | | |
| * Testes | Germinal Epith | Degeneration | Mild |
| * Thymus | | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH - Spinal Cord Axon Degeneration

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 667

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902424

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 6-5+14]

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 130

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 484

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	[Nephropathy TGLs = 2-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Ulcer	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 424

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Inflammation	Mild
* Kidney		Nephropathy	Mild
	[Nephropathy TGLs = 2-4]		
* Liver		Clear Cell Focus	
* Lung		Inflammation	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Atrophy	Mild
	[Atrophy TGLs = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Heart Inflammation

CONTRIBUTORY CAUSE OF DEATH - Lung Inflammation

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 408

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Inflammation	Minimal
	Renal Tubule	Necrosis	Mild
	[Necrosis TGLs = 1-4]		
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen		Atrophy	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Necrosis

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 547

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | |
|--|------------------------|----------|
| * Liver | Eosinophilic Focus | |
| | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLs = 2-11] | | |
| * Nose | Inflammation | Minimal |
| * Preputial Gland | Inflammation | Moderate |
| * Skin | Ulcer | Marked |
| [Ulcer TGLs = 1-10] | | |
| * Spleen | Atrophy | Mild |
| * Thymus | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 340

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney [Necrosis TGLs = 2-4]	Renal Tubule	Necrosis	Minimal
* Preputial Gland [Ectasia TGLs = 1-8]		Ectasia	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 522

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Amyloid Deposition	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Glomerulus	Amyloid Deposition	Mild
		Cyst	Mild
		Infarct	Moderate
	Pelvis	Inflammation	Mild
		Nephropathy	Mild
	[Cyst TGLs = 2-4]		
	[Inflammation TGLs = 5-4]		
* Liver		Amyloid Deposition	Moderate
	[Amyloid Deposition TGLs = 3,4,6-10+11+12]	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 7-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Prostate		Inflammation	Moderate
* Seminal Vesicle		Inflammation	Moderate
* Spleen		Amyloid Deposition	Marked
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 522

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902432

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Fibrosis

Mild

* Urinary Bladder

Transit Epithe

Hyperplasia

Marked

Inflammation

Mild

PRIMARY CAUSE OF DEATH

- Kidney Pelvis Inflammation

CONTRIBUTORY CAUSE OF DEATH

- Kidney Glomerulus Amyloid Deposition

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 704

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone	Joint	Degeneration	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Mild
	Renal Tubule	Inflammation	Minimal
	[Infarct TGLs = 3-4]		
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	[Clear Cell Focus TGLs = 2-11]		
	[Eosinophilic Focus TGLs = 1-10]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 4-12]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Mild
		Ulcer	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Kidney Infarct

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 201

TRT#: 2

SEX: Female

DAY ON TEST: 563

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart	Epicardium	Inflammation	Mild
* Intestine Large, Colon	Serosa	Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Adenoma		
	TGLs = 1-3]		
* Nose	Respirat Epith	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Uterus		Inflammation	Marked
	[Inflammation TGLs = 2-7]		

PRIMARY CAUSE OF DEATH - Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Gallbladder

OBSERVATIONS

* Bone	Joint	Degeneration Fibro-Osseous Lesion	Moderate
* Liver		Eosinophilic Focus Fatty Change Hepatocellular Adenoma Mixed Cell Focus	Mild
Note: TGL-1 also present on slide 3. [Hepatocellular Adenoma TGLs = 1-10] [Mixed Cell Focus TGLs = 2-11]			
* Thymus		Atrophy	Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 203

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Heart	Cardiomyopathy	Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 680

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------|--|------------------------|-----------------|
| * Bone | | Fibro-Osseous Lesion | |
| * Kidney | | Infarct | Marked |
| | Papilla | Necrosis | Minimal |
| | [Infarct TGLs = 2,3-4+11] | | |
| * Liver | | Hepatocellular Adenoma | |
| | [Hepatocellular Adenoma TGLs = 4-12] | | |
| * Skin | | Schwannoma Malignant | |
| | [Schwannoma Malignant TGLs = 1-10] | | |
| * Spleen | | Hyperplasia | Lymphoid, Mild |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 206

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
	[Pheochromocytoma Benign TGLs = 1-10]		
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 207

TRT#: 2

SEX: Female

DAY ON TEST: 606

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Intestine Small, Duodenum	Epithelium	Vacuolization Cytoplasmic	Marked
* Intestine Small, Jejunum	Epithelium	Vacuolization Cytoplasmic	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Skin		Fibrosarcoma	
		Ulcer	Mild
	[Fibrosarcoma TGLs = 1-10,11]		
	[Ulcer TGLs = 2,3-10+11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 208

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 3,4-12+13]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLs = 2-11]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 209

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 2-9]		
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 1-10]		
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 210

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Clitoral Gland		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver	Hepatocyte	Hypertrophy	Mild
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Skin		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 2-11]		
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hemangiosarcoma TGLs = 1-10]		
* Thymus		Lymphoma Malignant	
Tooth		Dysplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 211

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Harderian Gland	Epithelium	Hyperplasia	Mild
* Kidney		Infarct	Mild
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 2-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 213

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Ovary	Follicle	Cyst	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone	Joint	Degeneration Fibro-Osseous Lesion	Mild
* Liver		Basophilic Focus Fatty Change Hepatocellular Adenoma	Minimal
		[Basophilic Focus TGLs = 4-12] [Hepatocellular Adenoma TGLs = 3-10]	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Marked
		[Cyst TGLs = 1-11]	
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		[Hyperplasia TGLs = 2-7]	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 660

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 2-11]		
* Ovary	Follicle	Cyst	Mild
* Skin		Basal Cell Carcinoma	
	[Basal Cell Carcinoma TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Basal Cell Carcinoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Harderian Gland	Adenoma	
* Heart	Cardiomyopathy	Minimal
* Spleen	Hyperplasia	Lymphoid, Mild
* Thymus	Atrophy	Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 217

TRT#: 2

SEX: Female

DAY ON TEST: 722

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Histiocytic Sarcoma	
	[Eosinophilic Focus TGLs = 5-12]		
	[Histiocytic Sarcoma TGLs = 2-10]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 4-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-7]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibro-Osseous Lesion	
* Liver		Tension Lipidosis	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 219

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Infarct	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Ovary	Periovarn Tiss	Necrosis	Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-11]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone	Fibro-Osseous Lesion
	Lymphoma Malignant
* Kidney	Lymphoma Malignant
* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Ovary	Lymphoma Malignant
* Spleen	Lymphoma Malignant
* Thymus	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 2,3-10+11]		
* Ovary	Follicle	Cyst	Moderate
	[Cyst TGLs = 1-7]		
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- * Liver Eosinophilic Focus

[Eosinophilic Focus TGLs = 1-11]

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 3-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 4-13]		
* Ovary		Hemorrhage	Marked
	[Hemorrhage TGLs = 1-11]		
* Spleen		Hyperplasia	Lymphoid, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Bone	Joint	Degeneration Fibro-Osseous Lesion Osteopetrosis	Moderate
* Liver		Basophilic Focus Clear Cell Focus Eosinophilic Focus Fatty Change Mixed Cell Focus	Minimal
	[Basophilic Focus TGLs = 3-10]		
	[Clear Cell Focus TGLs = 4-11]		
	[Mixed Cell Focus TGLs = 2-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Marked
	[Cyst TGLs = 1-7]		
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Thrombosis	Moderate

[Hyperplasia TGLs = 1-7]

[Thrombosis TGLs = 2-10]

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Ovary		Cyst	Marked
[Cyst TGLs = 2-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-7]			

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 227

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | |
|--|------------------------|---------|
| * Bone | Fibro-Osseous Lesion | |
| * Kidney | Infarct | Minimal |
| * Liver | Basophilic Focus | |
| | Fatty Change | Minimal |
| | Hepatocellular Adenoma | |
| [Basophilic Focus TGLs = 2-11] | | |
| [Hepatocellular Adenoma TGLs = 1-10] | | |
| * Lymph Node, Mesenteric | Lymphoma Malignant | |
| * Ovary | Cystadenoma | |
| * Spleen | Lymphoma Malignant | |
| * Thymus | Lymphoma Malignant | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Lymph Node, Mandibular	Lymphoma Malignant
* Lymph Node, Mesenteric	Lymphoma Malignant
* Spleen	Lymphoma Malignant
* Thymus	Lymphoma Malignant

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Ovary		Cyst	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLs = 3-12]		
	[Lymphoma Malignant TGLs = 2,4-11+13]		
* Pituitary Gland		Pigmentation	Hemosiderin, Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Pituitary Gland | * Salivary Glands |
| * Skin | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|------------------------|--|------------------------|------------------------|
| * Bone | | Fibro-Osseous Lesion | |
| * Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| * Spleen | | Hyperplasia | Lymphoid, Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Marked |
| | | Inflammation | Mild |
| | | Ulcer | Moderate |
| | [Ulcer TGLs = 2-5+10] | | |
| * Stomach, Glandular | Serosa | Infiltration Cellular | Lymphocyte, Marked |
| | [Infiltration Cellular TGLs = 3-10] | | |
| * Thymus | | Hyperplasia | Lymphoid, Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------|--------------------------------------|----------------------|-----------------|
| * Bone | | Fibro-Osseous Lesion | |
| * Kidney | Papilla | Necrosis | Minimal |
| * Liver | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 1,2-10] | | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| * Spleen | | Lymphoma Malignant | |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 438

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Harderian Gland		Adenoma	
* Heart	Epicardium	Inflammation	Moderate
	Valve	Inflammation	Mild
* Lung	Serosa	Inflammation	Moderate
Mesentery	Fat	Inflammation	Moderate
	Fat	Necrosis	Marked
	[Necrosis TGLs = 1-10]		
Oviduct		Inflammation	Moderate
* Pancreas		Inflammation	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Marked
* Uterus		Inflammation	Marked

Note: Abscess present.

[Inflammation TGLs = 2-7]

PRIMARY CAUSE OF DEATH - Uterus Inflammation
CONTRIBUTORY CAUSE OF DEATH - Heart Valve Inflammation
- Mesentery Fat Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Spleen	Hyperplasia	Lymphoid, Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 631

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|--------------------------|---|------------------------------|-----------------------|
| * Bone | | Fibroma | |
| * Kidney | | Nephropathy | Mild |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Foreign Body | |
| | | Inflammation | Mild |
| * Lymph Node, Mandibular | | Infiltration Cellular | Plasma Cell, Moderate |
| | [Infiltration Cellular TGLs = 1-10] | | |
| * Spleen | | Hyperplasia | Lymphoid, Minimal |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Marked |
| | | Ulcer | Minimal |
| | [Hyperplasia TGLs = 3-12] | | |
| * Thymus | | Atrophy | Minimal |
| Tongue | | Squamous Cell Papilloma | |
| | [Squamous Cell Papilloma TGLs = 2-11] | | |

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0902469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 2-14]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 1,3-13]		
* Ovary		Hemorrhage	Marked
	[Hemorrhage TGLs = 4-7]		
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver	Infiltration Cellular	Lymphocyte, Focal, Moderate
* Thymus	Atrophy	Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Infarct	Mild
* Liver		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-13]		
* Ovary		Cyst	Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-12]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Ovary		Cystadenoma	
	[Cystadenoma TGLs = 1-10]		
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Necrosis	Minimal
		Tension Lipidosis	Minimal
	[Eosinophilic Focus TGLs = 1-11]		
* Nose		Inflammation	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 3-12]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Cervix	Sarcoma Stromal	
	[Hyperplasia TGLs = 2-11]		
	[Sarcoma Stromal TGLs = 1-10]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Infiltration Cellular	Lymphocyte, Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-10]			

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia	TGLs = 1-10]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 709

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Intestine Small, Ileum		Ulcer	Marked
[Ulcer TGLs = 3-12]			
* Intestine Small, Jejunum		Diverticulum	Moderate
	Peyers Patch	Hyperplasia	Marked
[Diverticulum TGLs = 4-13]			
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Mild
Note: TGL-1 also present on slide 3.			
[Hepatocellular Adenoma TGLs = 1-10]			
[Necrosis TGLs = 2-11]			
* Spleen	Lymph Follic	Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver	Tension Lipidosis	Minimal
* Skin	Hemangioma	
[Hemangioma TGLs = 2-13]		
* Uterus	Sarcoma Stromal	
[Sarcoma Stromal TGLs = 1-12]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Mesentery		Degeneration	Cystic, Marked
[Degeneration TGLs = 1-10]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Heart	Valve	Pigmentation	Hemosiderin, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	Minimal
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 663

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Intestine Small, Duodenum		Polyp Adenomatous	
	[Polyp Adenomatous TGLs = 4-10]		
* Liver		Basophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	
	[Basophilic Focus TGLs = 3-12]	Necrosis	Minimal
	[Hepatocellular Adenoma TGLs = 1-10]		
Oral Mucosa		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLs = 5-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Oral Mucosa Squamous Cell Carcinoma

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 561

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|---|-----------------|----------------------------------|---------------------|
| * Bone Marrow | | Hyperplasia | Marked |
| * Heart | Valve | Inflammation | Marked |
| Note: Septic aortic valvular endocarditis. | | | |
| * Liver | Hepatocyte | Atrophy | Mild |
| * Lung | Interstitialium | Fibrosis | Mild |
| | | Pigmentation | Hemosiderin, Marked |
| * Ovary | | Inflammation | Marked |
| [Inflammation TGLs = 3-7] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLs = 2-4] | | | |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | Cervix | Inflammation | Marked |
| Note: Abscess. | | | |
| [Inflammation TGLs = 1-10] | | | |

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

CONTRIBUTORY CAUSE OF DEATH - Ovary Inflammation

- Uterus Cervix Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone	Fibro-Osseous Lesion
* Liver	Hemangiosarcoma
	Hepatocellular Adenoma

[Hemangiosarcoma TGLs = 1-10]

[Hepatocellular Adenoma TGLs = 2-11]

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 702

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Liver	Basophilic Focus	
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLs = 4-13]		
[Hepatocellular Adenoma TGLs = 1-10]		
[Hepatocellular Carcinoma TGLs = 2,3-11+12]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver

Basophilic Focus
Eosinophilic Focus

[Basophilic Focus TGLs = 2-11]

[Eosinophilic Focus TGLs = 3,4-12+13]

* Ovary

Angiectasis

Mild

* Thymus

Atrophy

Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 3-12]		
	[Hepatocellular Adenoma TGLs = 2-11]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Minimal
		Ulcer	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|--------------------------------|-----------------|------------------------------|----------|
| * Intestine Small, Ileum | Peyers Patch | Lymphoma Malignant | |
| [Lymphoma Malignant | TGLs = 4-12] | | |
| * Liver | | Lymphoma Malignant | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma | TGLs = 5-13] | | |
| Lymph Node | Lumbar | Lymphoma Malignant | |
| [Lymphoma Malignant | TGLs = 3-11] | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant | |
| [Lymphoma Malignant | TGLs = 1-10] | | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| * Spleen | | Lymphoma Malignant | |
| [Lymphoma Malignant | TGLs = 2-4] | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| | | Ulcer | Mild |
| [Ulcer | TGLs = 6-5+14] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 1-10]		
* Ovary		Cyst	Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 259

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Tension Lipidosis	Minimal
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 1-10]		
* Ovary		Luteoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Minimal
	[Ulcer TGLs = 3-11]		
Tooth		Dysplasia	Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 3-5+12]		
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose		Inflammation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	[Clear Cell Focus TGLs = 1-10]		
	[Eosinophilic Focus TGLs = 2-11]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 710

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia	TGLs = 1-10]		

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 645

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Islets, Pancreatic	* Pancreas
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OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Spleen	Hyperplasia	Lymphoid, Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 722

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
	Hepatocyte	Necrosis	Minimal
	[Eosinophilic Focus TGLs = 2-11]		
* Skin		Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 1-10]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Thrombosis	Marked
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|---|------------------------|-----------------|
| * Bone | | Fibro-Osseous Lesion | |
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 1-9] | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Hepatocellular Adenoma | Multiple |
| | [Hepatocellular Adenoma TGLs = 3,4-11+12] | | |
| Mesentery | Fat | Necrosis | Marked |
| | [Necrosis TGLs = 2-10] | | |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |
| | | Inflammation | Mild |

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 596

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-10]		
Vagina	Epithelium	Necrosis	Moderate
	[Necrosis TGLs = 2-11]		

PRIMARY CAUSE OF DEATH - Vagina Epithelium Necrosis

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia	TGLs = 1-7]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 2-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 1-10]			
* Thymus		Lymphoma Malignant	

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma	TGLs = 2,3,4-3+4+5+10+11+12+13]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Mild
* Thymus		Atrophy	Marked
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma	TGLs = 1-10]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Eye | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Skin | * Thyroid Gland |
| * Trachea | | | |

OBSERVATIONS

- | | | |
|--------------------------|--------------------------------------|--------------------|
| * Adrenal Cortex | | Lymphoma Malignant |
| * Bone Marrow | | Lymphoma Malignant |
| * Gallbladder | | Lymphoma Malignant |
| * Harderian Gland | | Adenoma |
| | | Lymphoma Malignant |
| * Heart | | Lymphoma Malignant |
| * Kidney | | Lymphoma Malignant |
| | [Lymphoma Malignant TGLs = 6-4] | |
| * Liver | | Lymphoma Malignant |
| * Lung | | Lymphoma Malignant |
| Lymph Node | Renal | Lymphoma Malignant |
| | Pancreatic | Lymphoma Malignant |
| | Lumbar | Lymphoma Malignant |
| | [Lymphoma Malignant TGLs = 2-11] | |
| | [Lymphoma Malignant TGLs = 5-14] | |
| | [Lymphoma Malignant TGLs = 7-15] | |
| * Lymph Node, Mandibular | | Lymphoma Malignant |
| | [Lymphoma Malignant TGLs = 3-6+12] | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant |
| | [Lymphoma Malignant TGLs = 4-13] | |
| * Mammary Gland | | Lymphoma Malignant |
| * Ovary | | Lymphoma Malignant |
| * Salivary Glands | | Lymphoma Malignant |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902505

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Lymphoma Malignant
	[Lymphoma Malignant TGLs = 1-10]	
* Stomach, Forestomach		Lymphoma Malignant
* Stomach, Glandular		Lymphoma Malignant
* Thymus		Lymphoma Malignant
	[Lymphoma Malignant TGLs = 8-16]	
* Urinary Bladder		Lymphoma Malignant
* Uterus		Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Thymus		Atrophy	Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 4-13]	
	[Hepatocellular Adenoma TGLs = 2,3-11+12]	
	[Hepatocellular Carcinoma TGLs = 1-10]	
* Ovary	Angiectasis	Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Clear Cell Focus	
	Hepatocyte	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver	Clear Cell Focus	
	Tension Lipidosis	Minimal
[Clear Cell Focus TGLs = 1-10]		
* Lung	Hyperplasia	Lymphoid, Minimal
* Spleen	Hyperplasia	Lymphoid, Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Mild
* Spleen		Hyperplasia	Lymphoid, Marked
	[Hyperplasia TGLs = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Minimal
		Ulcer	Mild
* Stomach, Glandular		Infiltration Cellular	Mononuclear CI, Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 711

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Brain	Cerebrum, Neuron	Necrosis	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Mineralization	Mild
* Liver		Clear Cell Focus	
	[Clear Cell Focus TGLs = 1-10]		
* Ovary	Follicle	Cyst	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 2-5+11]		
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Brain Cerebrum Neuron Necrosis

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 619

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 2-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia Infiltration Cellular Inflammation Ulcer	Mild Mononuclear CI, Moderate Minimal Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-7]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Marked
		Inflammation	Moderate
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 631

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Liver		Fatty Change	Marked
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
	[Fatty Change TGLs = 4-3+4+5+10+11+12]		
	[Inflammation TGLs = 3-11]		
	[Squamous Cell Carcinoma TGLs = 1,2-10+11]		
* Lung		Inflammation	Mild
* Nose		Inflammation	Minimal
* Ovary		Angiectasis	Mild
* Stomach, Forestomach		Infiltration Cellular	Mononuclear CI, Minimal
		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLs = 5-13]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 683

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|------------------------|--------------------------------------|-----------------------|-------------------------|
| * Bone | | Fibro-Osseous Lesion | |
| * Liver | | Eosinophilic Focus | |
| | | Mixed Cell Focus | |
| | [Eosinophilic Focus TGLs = 2,3-11] | | |
| | [Mixed Cell Focus TGLs = 4-12] | | |
| * Stomach, Forestomach | | Hyperkeratosis | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Infiltration Cellular | Mononuclear CI, Minimal |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 5-5+13] | | |
| * Thymus | | Atrophy | Moderate |
| * Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| | [Hyperplasia TGLs = 1-10] | | |

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Eye	Cornea	Inflammation	Moderate
	[Inflammation TGLs = 1-10]		
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 2-11]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Minimal
		Ulcer	Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma	TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Mild
[Ulcer	TGLs = 2-5+11]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Necrosis	Mild
	[Necrosis TGLs = 4-12]		
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
	[Hyperplasia TGLs = 5-13]		
Peritoneum		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLs = 2-4]		
* Stomach, Forestomach		Squamous Cell Carcinoma	Multiple
	[Squamous Cell Carcinoma TGLs = 1,3-10+11]		

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone	Joint	Degeneration	Mild
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLs = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|--------------------------|-------------|----------------------|--------------|
| * Bone | | Fibro-Osseous Lesion | |
| * Harderian Gland | | Carcinoma | |
| [Carcinoma TGLs = 2-9] | | | |
| Mesentery | Fat | Necrosis | Marked |
| [Necrosis TGLs = 1-10] | | | |
| * Stomach, Forestomach | | Hyperkeratosis | Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 656

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
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OBSERVATIONS

Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 7-2]		
* Clitoral Gland		Leukemia Mononuclear	
* Eye		Hemorrhage	Moderate
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	Metastatic (Spleen)
	Mediastinal	Leukemia Mononuclear	Metastatic (Spleen)
	Iliac	Leukemia Mononuclear	Metastatic (Spleen)
	Bronchial	Leukemia Mononuclear	Metastatic (Spleen)
	[Leukemia Mononuclear TGLs = 1-10]		
	[Leukemia Mononuclear TGLs = 5-12]		
	[Leukemia Mononuclear TGLs = 4-11]		
	[Leukemia Mononuclear TGLs = 6-13]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-5]		
* Mammary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 656

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902522

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 8-5+14]		
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 673

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLs = 1-10]			
* Liver		Tension Lipidosis	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLs = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLs = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
		Ulcer	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Intestine Small, Duodenum Carcinoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Harderian Gland		Adenoma	
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	[Eosinophilic Focus TGLs = 4,5-12+13]		
	[Fatty Change TGLs = 3-12]		
Lymph Node	Pancreatic	Histiocytic Sarcoma	Metastatic (Spleen)
	[Histiocytic Sarcoma TGLs = 2-11]		
* Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 1-10]		
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Intestine Large, Cecum	Lymphoid Tiss	Histiocytic Sarcoma	
[Histiocytic Sarcoma	TGLs = 1-10]		
* Ovary		Inflammation	Marked

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Harderian Gland	Adenoma	
* Liver	Eosinophilic Focus	
Mesentery	Inflammation	Focal, Marked
[Inflammation TGLs = 1-10]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 526

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
		Osteosarcoma	
	[Osteosarcoma TGLs = 2-10]		
* Heart		Mineralization	Mild
* Ovary	Follicle	Cyst	Marked
	[Cyst TGLs = 1-7]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLs = 3-12]	Peyers Patch	Hyperplasia	Marked
* Liver [Hepatocellular Adenoma TGLs = 2-11] [Hepatocellular Carcinoma TGLs = 1-10]		Hepatocellular Adenoma Hepatocellular Carcinoma	

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
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TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 712

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0902531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Harderian Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Eosinophilic Focus	
	[Hepatocellular Adenoma TGLs = 1,2-10]	Hepatocellular Adenoma	Multiple
* Spleen		Atrophy	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Mild
* Liver	[Hepatocellular Adenoma TGLs = 1-10]	Hepatocellular Adenoma	
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 556

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Eye	Cornea	Inflammation	Moderate
	[Inflammation TGLs = 1-9]		
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 3-9]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 2-10]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

CONTRIBUTORY CAUSE OF DEATH - Eye Cornea Inflammation

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-10]		
Lymph Node	Pancreatic	Granulosa Cell Tumor Malignant	Metastatic (Ovary)
	[Granulosa Cell Tumor Malignant TGLs = 3-11]		
* Ovary		Granulosa Cell Tumor Malignant	
	[Granulosa Cell Tumor Malignant TGLs = 1-7]		
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 520

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

Mesentery [Necrosis TGLs = 1-10]	Fat	Necrosis	Marked
* Stomach, Forestomach [Ulcer TGLs = 2-5+11]	Epithelium	Hyperplasia Infiltration Cellular Ulcer	Minimal Mononuclear CI, Minimal Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 303

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain	Meninges	Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 1,3-10+12]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Parathyroid Gland		Hyperplasia	Focal, Mild
* Thymus		Atrophy	Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 669

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Eye	Cornea	Inflammation	Moderate
		Synechia	Mild
	Note: corneal ulcer		
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 1-9]		
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Lymphoma Malignant	
	[Basophilic Focus TGLs = 3-11]		
	[Lymphoma Malignant TGLs = 2-10]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 4-5+12]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 669

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902537

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 624

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|--------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Liver |
| * Lung | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|--|------------|----------------------------------|-----------------|
| * Intestine Large, Rectum
[Polyp Adenomatous TGLs = 4-10] | | Polyp Adenomatous | |
| * Lymph Node, Mesenteric | | Atrophy | Moderate |
| * Spleen
[Hematopoietic Cell Proliferation TGLs = 2-4] | | Hematopoietic Cell Proliferation | Moderate |
| * Stomach, Forestomach
[Ulcer TGLs = 5-5+11] | Epithelium | Hyperplasia
Ulcer | Minimal
Mild |
| * Thymus | | Atrophy | Marked |
| * Uterus
[Thrombosis TGLs = 1-7] | | Thrombosis | Marked |

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 306

TRT#: 6

SEX: Female

DAY ON TEST: 552

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Liver		Angiectasis	Mild
	Hepatocyte	Hepatocellular Carcinoma	
		Necrosis	Mild
Note: TGL-1 also present on slide 3. [Hepatocellular Carcinoma TGLs = 1-10]			
* Nose		Inflammation	Mild
* Spleen		Atrophy	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
		Inflammation	Moderate
		Ulcer	Moderate
[Ulcer TGLs = 2-5+11]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	[Eosinophilic Focus TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 2-5+11]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Blood Vessel
- * Bone Marrow
- * Brain
- * Clitoral Gland
- * Esophagus
- * Gallbladder
- * Harderian Gland
- * Heart
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Kidney
- * Lung
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Mammary Gland
- * Nose
- * Pancreas
- * Pituitary Gland
- * Salivary Glands
- * Skin
- * Spleen
- * Stomach, Glandular
- * Thymus
- * Thyroid Gland
- * Trachea
- * Urinary Bladder

MISSING

- * Parathyroid Gland

OBSERVATIONS

- * Bone Fibro-Osseous Lesion
- * Eye Cataract Marked
[Cataract TGLs = 1-9]
- * Liver Tension Lipidosis Minimal
- * Ovary Thrombosis Marked
[Thrombosis TGLs = 2-10]
- * Stomach, Forestomach Epithelium Hyperplasia Moderate
Infiltration Cellular Mononuclear CI, Minimal
Inflammation Mild
Ulcer Mild
[Ulcer TGLs = 3-5+11]
- * Uterus Endometrium Hyperplasia Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Cyst	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hemangioma	
	[Hemangioma TGLs = 1-10]		
* Lung	Alveolar Epith	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 2-5]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 310

TRT#: 6

SEX: Female

DAY ON TEST: 659

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Gallbladder		Inflammation	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver	Hepatocyte	Necrosis	Minimal
* Ovary		Inflammation	Marked
	[Inflammation TGLs = 2-10]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLs = 1-4]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Ovary Inflammation

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Minimal
		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Basophilic Focus	
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Marked
		Inflammation	Minimal
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|------------------------|-------------------------|-----------------------|----------------------|
| * Spleen | | Hyperplasia | Lymphoid, Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Mild |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 1-5+10] | | |
| * Thymus | | Atrophy | Mild |

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 314

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | Blood Vessel | * Bone Marrow | * Clitoral Gland |
| * Esophagus | * Eye | * Gallbladder | * Harderian Gland |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|------------------------|---|------------------------|--------------------------|
| * Adrenal Medulla | | Hyperplasia | Marked |
| * Bone | | Fibro-Osseous Lesion | |
| * Brain | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | [Eosinophilic Focus TGLs = 3,4-12+13] | | |
| | [Hepatocellular Adenoma TGLs = 1,2-10+11] | | |
| * Ovary | Follicle | Cyst | Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear CI, Moderate |
| | | Inflammation | Moderate |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 6-5+14] | | |
| * Thymus | | Atrophy | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 315

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Angiectasis	Mild
		Hepatocellular Adenoma	
		Tension Lipidosis	Mild
	[Hepatocellular Adenoma TGLs = 1-10]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Minimal
		Ulcer	Marked
	[Ulcer TGLs = 2-5]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Minimal
	[Hyperplasia TGLs = 1-5]		
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 480

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Adrenal Cortex	* Adrenal Medulla
------------------	-------------------

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Lung	Inflammation	Mild
* Lymph Node, Mesenteric [Ectasia TGLs = 1-5]	Ectasia	Moderate
Oviduct	Inflammation	Minimal
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Bacteria present in many organs, usually without tissue response.

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 486

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Eye		Atrophy	Marked
* Harderian Gland		Adenoma	
* Heart	Valve	Inflammation	Marked
Note: Large septic thrombus incorporating most of heart base and atria, with intralesional bacteria.			
* Liver	Hepatocyte	Atrophy	Moderate
* Ovary		Inflammation	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Intestine Small, Ileum	Ulcer	Moderate
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-10]		
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Marked
		Inflammation	Mild
		Ulcer	Moderate
	[Ulcer TGLs = 1-5+10]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Sarcoma	

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Mammary Gland | * Nose | * Pancreas |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------|--|------------------------|------------------------|
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Hepatocellular Adenoma | |
| | Hepatocyte | Hypertrophy | Minimal |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Mild |
| * Ovary | | Cyst | Marked |
| | [Cyst TGLs = 2-7] | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear CI, Marked |
| | | Inflammation | Minimal |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 3-5+11] | | |
| * Thymus | | Atrophy | Moderate |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 619

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Minimal
	[Ulcer TGLs = 2-5]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Liver		Fatty Change	Focal, Minimal
		Hemangioma	
		Lymphoma Malignant	
	[Hemangioma TGLs = 4-11]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 1-10]		
* Ovary		Cyst	Mild
	[Cyst TGLs = 3-7]		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Ulcer	Minimal
	[Ulcer TGLs = 5-5]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5]

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLs = 2-10]			
* Lung	Serosa	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Marked
		Inflammation	Mild
		Ulcer	Mild
[Ulcer TGLs = 1-5+10]			

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|------------------------|--|--------------------------|------------------------|
| * Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLs = 2-11] | | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Ovary | Follicle | Cyst | Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Marked |
| | | Inflammation | Moderate |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 3-5+12] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Marked
		Inflammation	Moderate
	Epithelium	Metaplasia	Mild
		Ulcer	Mild
[Ulcer TGLs = 1-5+10]			
* Thymus		Atrophy	Moderate

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|------------------------|--|--------------------------|----------------------|
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Lung | | Hyperplasia | Marked |
| * Stomach, Forestomach | | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Marked |
| | | Ulcer | Marked |
| | [Ulcer TGLs = 2-5+11] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Blood Vessel
- * Bone Marrow
- * Brain
- * Clitoral Gland
- * Esophagus
- * Eye
- * Gallbladder
- * Harderian Gland
- * Heart
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Liver
- * Lung
- * Mammary Gland
- * Nose
- * Ovary
- * Pancreas
- * Parathyroid Gland
- * Pituitary Gland
- * Salivary Glands
- * Skin
- * Stomach, Glandular
- * Thymus
- * Thyroid Gland
- * Trachea
- * Urinary Bladder

OBSERVATIONS

- * Bone Fibro-Osseous Lesion
- * Kidney Lymphoma Malignant
- * Lymph Node, Mandibular Lymphoma Malignant
- [Lymphoma Malignant TGLs = 3-10]
- * Lymph Node, Mesenteric Lymphoma Malignant
- * Spleen Lymphoma Malignant
- [Lymphoma Malignant TGLs = 1-4]
- * Stomach, Forestomach Epithelium Hyperplasia Marked
- Infiltration Cellular Mononuclear CI, Moderate
- Inflammation Mild
- Ulcer Mild
- [Ulcer TGLs = 2-5+10]
- * Uterus Endometrium Hyperplasia Cystic, Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 638

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Glandular | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|------------------------|---------------------------|-----------------------|-------------------------|
| * Heart | | Mineralization | Moderate |
| * Liver | | Fatty Change | Marked |
| | Hepatocyte | Mineralization | Minimal |
| | | Tension Lipidosis | Minimal |
| * Spleen | Lymph Follic | Atrophy | Marked |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| | | Infiltration Cellular | Mononuclear CI, Minimal |
| | | Inflammation | Moderate |
| | | Ulcer | Marked |
| | [Ulcer TGLs = 2-5+11] | | |
| * Thymus | | Atrophy | Marked |
| * Thyroid Gland | | Carcinoma | |
| | [Carcinoma TGLs = 1-10] | | |

PRIMARY CAUSE OF DEATH - Thyroid Gland Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Heart Mineralization

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 487

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLs = 1-10]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Moderate
[Ulcer TGLs = 2-5+10]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Clear Cell Focus	
	[Clear Cell Focus TGLs = 2-10]		
* Ovary		Cyst	Marked
	[Cyst TGLs = 1-7]		
* Stomach, Forestomach	Epithelium	Dysplasia	Mild
	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Marked
		Inflammation	Moderate
		Ulcer	Mild
	[Ulcer TGLs = 2-5+11]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2-10]		
* Salivary Glands		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Dysplasia	Minimal
	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 3-5+11]		
* Stomach, Glandular	Epithelium	Dysplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Ovary		Cyst	Mild
[Cyst TGLs = 2-7]			
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLs = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Moderate
	Epithelium	Metaplasia	Mild
		Ulcer	Marked
[Ulcer TGLs = 4-5+10]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-7]			

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 688

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Blood Vessel * Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-5]		
* Lung		Schwannoma Malignant	Metastatic (Skin)
Lymph Node	Renal	Hemorrhage	Marked
	[Hemorrhage TGLs = 2-11]		
* Skin		Schwannoma Malignant	
	[Schwannoma Malignant TGLs = 3-10+12]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 4-5+11]		

PRIMARY CAUSE OF DEATH - Skin Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|------------------------|------------------------------------|-----------------------|----------------------|
| * Eye | Cornea | Inflammation | Mild |
| | [Inflammation TGLs = 1-9] | | |
| * Harderian Gland | | Adenoma | Multiple |
| | [Adenoma TGLs = 2,3-9] | | |
| * Liver | | Eosinophilic Focus | |
| | [Eosinophilic Focus TGLs = 4-10] | | |
| * Spleen | | Hyperplasia | Lymphoid, Mild |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Marked |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Mild |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 5-5+11] | | |

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 2,3,4-11+12]		
	[Hepatocellular Adenoma TGLs = 5-13]		
* Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 6-5+14]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 644

DOSE: 500 mg/kg

DISP: Natural Death

HISTO: 0902573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Liver	Fatty Change	Focal, Minimal
* Spleen	Atrophy	Marked
* Stomach, Forestomach	Ulcer	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|--------------------------|------------|-----------------------|--------------------------|
| Mesentery | Fat | Necrosis | Marked |
| [Necrosis TGLs = 1-10] | | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Moderate |
| | | Inflammation | Mild |
| | | Ulcer | Minimal |

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 701

DOSE: 500 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|------------------------|--------------------------|-------------------|----------|
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Tension Lipidosis | Minimal |
| Mesentery | Fat | Necrosis | Marked |
| | [Necrosis TGLs = 1-10] | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| | | Ulcer | Minimal |
| * Thymus | | Atrophy | Mild |

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLs = 1-10]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
[Ulcer TGLs = 2-5+11]			
* Thyroid Gland	Follicular Cel	Adenoma	

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLs = 1-10]			
* Ovary		Cyst	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
[Ulcer TGLs = 2-5+11]			
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
	Osteosclerosis	Mild
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLs = 1-10]		

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLs = 3-12]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Moderate
		Ulcer	Mild
	[Ulcer TGLs = 4-5+13]		
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|------------------------|---|---|--|
| * Liver | | Clear Cell Focus
Hepatocellular Adenoma | Multiple |
| | [Clear Cell Focus TGLs = 3-12]
[Hepatocellular Adenoma TGLs = 1,2-10+11] | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia
Infiltration Cellular
Inflammation
Ulcer | Marked
Mononuclear CI, Mild
Moderate
Moderate |
| | [Ulcer TGLs = 4-5+13] | | |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Eosinophilic Focus Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Ovary		Angiectasis	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia Infiltration Cellular Inflammation Ulcer	Moderate Mononuclear CI, Mild Moderate Moderate
	[Ulcer TGLs = 2-11]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 500 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 1-10]		
* Mammary Gland		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 3-5+12]		

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 354

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia Infiltration Cellular Inflammation Ulcer	Mild Mononuclear CI, Mild Moderate Mild
[Ulcer TGLs = 1-5+10]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 231

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- * Lymph Node, Mesenteric

OBSERVATIONS

- * Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 433

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 430

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | |
|--------------------------|-------------|----------|
| * Kidney | Nephropathy | Minimal |
| * Lymph Node, Mandibular | Atrophy | Moderate |
| * Thymus | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 682

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
	[Nephropathy TGLs = 2-4]		
* Liver		Fatty Change	Mild
* Pituitary Gland		Hyperplasia	Mild
* Stomach, Forestomach	Pars Distalis Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLs = 4-5+10]		
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 1-7]		

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 344

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 339

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Pituitary Gland

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 347

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 1-5]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 643

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Liver		Eosinophilic Focus	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 1-5+10]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 531

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone	Fibro-Osseous Lesion	
* Esophagus	Inflammation	Minimal
* Ovary	Cystadenoma	
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 361

TRT#: 8

SEX: Female

DAY ON TEST: 633

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum [Hyperplasia TGLs = 3-11]	Lymphoid Tiss	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Fibrosis	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Skin Note: Also incorporates salivary gland. [Sarcoma TGLs = 1-10]		Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Minimal
* Uterus [Hyperplasia TGLs = 2-7]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Skin Sarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 362

TRT#: 8

SEX: Female

DAY ON TEST: 234

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 157

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
		Ulcer	Minimal

[Ulcer TGLs = 1-5]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 646

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Blood Vessel
- * Bone Marrow
- * Brain
- * Clitoral Gland
- * Esophagus
- * Eye
- * Gallbladder
- * Harderian Gland
- * Heart
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Liver
- * Lung
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Mammary Gland
- * Nose
- * Ovary
- * Pancreas
- * Parathyroid Gland
- * Pituitary Gland
- * Salivary Glands
- * Skin
- * Stomach, Glandular
- * Thyroid Gland
- * Trachea
- * Urinary Bladder
- * Uterus

OBSERVATIONS

- * Bone
- Fibro-Osseous Lesion
- * Kidney
- Cyst
- Renal Tubule
- Mineralization
- Nephropathy
- [Cyst TGLs = 1-10]
- * Spleen
- Lymph Follicle
- * Stomach, Forestomach
- Epithelium
- Atrophy
- Hyperplasia
- Infiltration Cellular
- Inflammation
- Ulcer
- [Ulcer TGLs = 2-5+10]
- * Thymus
- Atrophy

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 227

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 681

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Intestine Small, Duodenum		Perforation	
	[Perforation TGLs = 1-10]		
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 3-4]		
* Liver		Fatty Change	Mild
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 4-5+12]		
* Stomach, Glandular		Mineralization	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Intestine Small, Duodenum Perforation

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 325

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 276

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 373

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 534

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	[Basophilic Focus TGLs = 2-10]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Moderate
	[Ulcer TGLs = 4-5]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 212

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
[Ulcer TGLs = 1-5]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 354

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Minimal
		Ulcer	Mild
	[Ulcer TGLs = 1-5]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 362

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|------------------------|------------|-----------------------|----------------------|
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Marked |
| | | Ulcer | Mild |
| | | | |
| | | Atrophy | Marked |

[Ulcer TGLs = 1-5]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 339

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 542

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Ulcer	Mild
	[Ulcer TGLs = 1-5]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 221

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|------------------------|-------------------------|-----------------------|----------------------|
| * Stomach, Forestomach | Epithelium | Hyperplasia | Moderate |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Moderate |
| | | Ulcer | Mild |
| | [Ulcer TGLs = 1-5+10] | | |
| * Thymus | | Atrophy | Mild |

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 655

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Moderate
		Ulcer	Moderate

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 531

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Clear Cell Focus	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Moderate
		Ulcer	Moderate
	[Ulcer TGLs = 1-5+10]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A

CAS Number: 79-94-7

Date Report Requested: 01/21/2011

Time Report Requested: 14:43:18

First Dose M/F: 08/07/07 / 08/06/07

Lab: BAT

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 291

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|------------------------|-------------------------|-----------------------|----------------------|
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Inflammation | Moderate |
| | | Ulcer | Marked |
| | [Ulcer TGLs = 1-5+10] | | |
| * Thymus | | Atrophy | Mild |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 302

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Mild
[Ulcer TGLs = 1-5]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 527

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Thymus

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 302

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 367

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Ovary		Angiectasis	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Mild
		Ulcer	Moderate

[Ulcer TGLs = 1-5]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 374

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
	[Ulcer TGLs = 1-5]		
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 440

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Moderate
		Ulcer	Mild
	[Ulcer TGLs = 1-5]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 250

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 1-10]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 2-5+10]		

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 486

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Marked
		Ulcer	Moderate
	[Ulcer TGLs = 1-5+10]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 388

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild
		Atrophy	Minimal

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 129

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 0902622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Mild
		Ulcer	Mild

[Ulcer TGLs = 1-5+10]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 487

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cyst	Marked
[Cyst TGLs = 1-10]			
* Pancreas	Acinus	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Mild
		Ulcer	Mild
[Ulcer TGLs = 2-5+11]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 318

DOSE: 1000 mg/kg

DISP: Dosing Accident

HISTO: 0902624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|------------------------|----------------|--------------|--------------|
| * Esophagus | Periesoph Tiss | Inflammation | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Lung | Serosa | Inflammation | Minimal |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Minimal |
| | | Ulcer | Mild |
| * Thymus | | Atrophy | Moderate |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 233

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia Infiltration Cellular Ulcer	Minimal Mononuclear CI, Minimal Mild
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PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	
* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	Minimal
* Ovary		Cyst	Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 1-10]		
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Harderian Gland	Adenoma	
* Kidney	Cyst	Moderate
	Nephropathy	Minimal
* Spleen	Hyperplasia	Lymphoid, Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 278

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
		Inflammation	Mild
		Ulcer	Mild
	[Ulcer TGLs = 1-5+10]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Tetrabromobisphenol A
 CAS Number: 79-94-7

Date Report Requested: 01/21/2011
 Time Report Requested: 14:43:18
 First Dose M/F: 08/07/07 / 08/06/07
 Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLs = 1-10]		
	[Lymphoma Malignant TGLs = 2-11]		
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 206

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 185

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Lymph Node	Mediastinal	Inflammation	Mild
	Mediastinal	Necrosis	Lymphoid, Mild
[Inflammation TGLs = 2-10]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Minimal
		Ulcer	Mild
[Ulcer TGLs = 1-5+10]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 545

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 0902632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Stomach, Forestomach	Hyperkeratosis	Marked
[Ulcer TGLs = 1-5+10]	Ulcer	Marked
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20320 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Tetrabromobisphenol A
CAS Number: 79-94-7

Date Report Requested: 01/21/2011
Time Report Requested: 14:43:18
First Dose M/F: 08/07/07 / 08/06/07
Lab: BAT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 0902633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Tension Lipidosis	Mild
* Spleen	Hyperplasia	Lymphoid, Moderate
* Thymus	Atrophy	Mild

*** END OF REPORT ***