

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

C Number:	C04604B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	10/27/1987

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 712
	DOSE: VEHICLE MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Cytoplasmic Alteration Pheochromocytoma Benign	Focal, Marked
Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Adenoma Nephropathy	Marked
Note: NEPHROPATHY TGLs = 5-4			
Liver	Bile Duct	Fatty Change Hyperplasia	Moderate Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mediastinal Mandibular	Congestion Infiltration Cellular	Mild Plasma Cell, Moderate
Note: CONGESTION TGLs = 4-2			
Mammary Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 2-10			
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-8			
Preputial Gland		Inflammation	Chronic, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

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Species/Strain: Rat/F 344/N

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Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 712

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 666
	DOSE: VEHICLE MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Thymus	Trachea		

OBSERVATIONS

Brain		Hydrocephalus	Mild
	Cranial Nerve	Schwannoma Malignant	
Note: SCHWANNOMA MAL	TGLs = 5-13		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-4+4.1,3-4+4.1		
Liver		Fatty Change	Moderate
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-8		
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Forestomach	Ulcer	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Concretion	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1 DOSE: VEHICLE MALE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain		Hydrocephalus	Moderate
Eye		Cataract	Mild
Note: CATARACT	TGLs = 2-13		
Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum	Parasite Metazoan	Mild
	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-8		
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Moderate
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC	TGLs = 3-10		
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Moderate
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13			
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Seminal Vesicle		Atrophy	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 638
	DOSE: VEHICLE MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	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	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 6-4		
Liver		Fatty Change	Moderate
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-1		
Seminal Vesicle		Atrophy	Marked
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Hyperkeratosis	Moderate
	Forestomach	Hyperplasia	Basal Cell, Moderate
	Forestomach	Ulcer	Marked
Note: ULCER	TGLs = 9-8		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-6,5-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 646
	DOSE: VEHICLE MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	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
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Alveolar/Bronchiolar Adenoma	
	Peribronchial	Inflammation	Chronic, Moderate
Note: ALV BRON ADEN TGLs = 5-1			
Nose		Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Hyperplasia	Focal, Marked
Skeletal Muscle		Lipoma	
Note: LIPOMA TGLs = 3-14			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-6			
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 646

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA TGLs = 1-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 736
DOSE: VEHICLE MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Zymbal's Gland	

OBSERVATIONS

Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Rectum	Parasite Metazoan	Moderate
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 2-4			
Liver		Angiectasis	Mild
		Basophilic Focus	
		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Moderate
		Necrosis	Focal, Minimal
Note: NECROSIS TGLs = 3-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-8			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS TGLs = 1-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: VEHICLE MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-8		
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Mild
Testes	Interstitial Cell	Adenoma	
Note: ADENOMA	TGLs = 1-6		
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder		Concretion	Marked
Note: CONCRETION	TGLs = 2-9		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 1 DOSE: VEHICLE MALE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Cytoplasmic Alteration Pheochromocytoma Benign	Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1-13		
Note: FIBROADENOMA	TGLs = 6-10		
Nose		Inflammation Metaplasia	Chronic, Mild Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 2-6		
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Moderate
Note: ATROPHY	TGLs = 4-6		
Note: ADENOMA	TGLs = 3-6		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Skin
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Parathyroid Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Salivary Glands
Thymus

MISSING

Mammary Gland

OBSERVATIONS

Heart
Kidney

Note: CYST TGLs = 2-4
Liver

Renal Tubule

Cardiomyopathy
Cyst
Nephropathy

Mild

Mild

Note: NEOPLASTIC NOD TGLs = 3-3
Lung
Lymph Node

Alveolar Epith
Peribronchial
Mandibular
Mesenteric

Hyperplasia
Leukemia Mononuclear
Neoplastic Nodule

Marked

Adenomatous, Mild
Chronic, Mild
Plasma Cell, Moderate

Nose

Pancreas
Pituitary Gland
Note: ADENOMA TGLs = 4-8
Preputial Gland
Prostate
Seminal Vesicle
Note: ATROPHY TGLs = 1-6

Acinus
Pars Distalis

Inflammation
Metaplasia
Hyperplasia
Adenoma

Inflammation
Inflammation
Atrophy

Chronic, Mild
Squamous, Mild
Marked

Chronic, Mild
Chronic, Minimal
Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ATROPHY	TGLs = 5-6		
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Preputial Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Moderate
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Congestion	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION	TGLs = 5-8		
Nose		Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-8		
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-6		
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 1-10		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-6		
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Moderate
Heart		Cardiomyopathy	Marked
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Moderate
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Foreign Body	Moderate
		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Moderate
Stomach	Glandular	Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ATROPHY	TGLs = 2-6		
Note: ADENOMA	TGLs = 1-6		
Urinary Bladder		Concretion	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 735
DOSE: VEHICLE MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Ear		Inflammation	Chronic, Focal, Mild
Note: INFLAMMATION	TGLs = 1-15		
Intestine Large	Colon	Parasite Metazoan	Marked
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 6-4		
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: NO NODULE ON RECUT			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Marked
	Renal	Infiltration Cellular	Histiocyte, Marked
Note: INFILTRAT CELL	TGLs = 7-13		
Note: INFILTRAT CELL	TGLs = 8-14		
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Moderate
Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY	TGLs = 5-6		
Testes		Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 3-6,4-6		
Thyroid Gland		C Cell	Adenoma
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 149

DOSE: VEHICLE MALE

DISP: Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Lymph Node - Mandibular
Prostate
Spleen
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Forestomach
Trachea

Bone
Intestine Large - Cecum
Intestine Small - Jejunum
Pancreas
Seminal Vesicle
Stomach - Glandular

Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Pituitary Gland
Skin
Testes

MISSING

Mammary Gland

Parathyroid Gland

Preputial Gland

Thyroid Gland

AUTO PRECLUDES DIAG.

Urinary Bladder

OBSERVATIONS

Esophagus
Heart
Intestine Small
Kidney
Liver
Note: CONGESTION TGLs = 2-3
Lung
Note: CONGESTION TGLs = 1-1
Nose

Periesoph Tiss
Ileum
Renal Tubule

Inflammation
Cardiomyopathy
Parasite Metazoan
Regeneration
Congestion
Congestion
Inflammation

Chronic Active, Moderate
Moderate
Moderate
Minimal
Moderate
Moderate
Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Lymph Node - Mesenteric	Pancreas	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Trachea		

MISSING

Intestine Small - Jejunum	Mammary Gland	Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland Note: VACUOLIZ CYTO TGLs = 6-8	Cortex	Vacuolization Cytoplasmic	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney Note: NEPHROPATHY TGLs = 7-4		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Fatty Change	Mild
Note: FATTY CHANGE TGLs = 8-3	Bile Duct	Hyperplasia	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Note: INFLAMMATION TGLs = 3-1	Peribronchial	Inflammation	Chronic, Mild
Lymph Node Note: ANGIOECTASIS TGLs = 1-9	Mandibular	Angiectasis	Marked
Nose Note: INFLAMMATION TGLs = 11-12		Fungus	Marked
		Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 9-8	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 2-10

Spleen

Hematopoietic Cell Proliferation

Moderate

Stomach

Forestomach

Hyperkeratosis

Mild

Note: HYPERKERATOSIS TGLs = 10-7

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland Note: CYTOPLAS ALTER TGLs = 5-8	Cortex	Cytoplasmic Alteration	Focal, Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
Liver Note: HYPERPLASIA TGLs = 6-3	Bile Duct	Hyperplasia	Moderate
Lung Note: INFLAMMATION TGLs = 3-1	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Marked
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 2-10 Note: ECTASIA TGLs = 1-10			
Prostate		Inflammation	Chronic, Minimal
Testes Note: ADENOMA TGLs = 4-6	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 5-8	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Note: NECROSIS TGLs = 6-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Fungus	Moderate
		Inflammation	Chronic, Marked
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland Note: ADENOMA TGLs = 2-10		Adenoma	
Seminal Vesicle Note: ATROPHY TGLs = 3-6		Atrophy	Marked
Testes Note: ADENOMA TGLs = 4-6	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 646

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 5-8	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Fatty Change	Moderate
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lung Note: INFLAMMATION TGLs = 3-1	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
Preputial Gland Note: ECTASIA TGLs = 2-10		Ectasia	Moderate
Prostate		Hyperplasia	Focal, Mild
Skin	Subcut Tiss	Fibrosarcoma	
		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 1-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 646

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROSARC	TGLs = 6-14+14.1			
Testes		Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-6			
Thyroid Gland		C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Marked
		Mineralization	Moderate
Intestine Large	Colon	Parasite Metazoan	Marked
Islets, Pancreatic		Adenoma	
Kidney		Congestion	Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
Note: CONGESTION TGLs = 9-4			
Note: NEPHROPATHY TGLs = 8-4			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-8			
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Marked
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 1	SEX: Male	DAY ON TEST: 736
	DOSE: VEHICLE MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 6-3 Note: NECROSIS TGLs = 7-3		Necrosis	Marked
Stomach Note: HYPERKERATOSIS TGLs = 4-7	Forestomach	Hyperkeratosis	Mild
Testes Note: ADENOMA TGLs = 2-6,3-6	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 1 DOSE: VEHICLE MALE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Marked
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Marked
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-6			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Fatty Change	Minimal
		Hyperplasia	Mild
		Necrosis	Focal, Mild
Note: NO NODULE ON RECUT			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Congestion	Minimal
	Mesenteric	Congestion	Marked
	Pancreatic	Congestion	Minimal
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION TGLs = 2-2			
Note: CONGESTION TGLs = 6-9			
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-8			
Preputial Gland		Inflammation	Acute, Marked
Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:48

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin

Note: TAIL NODULE NOT SUBMITTED

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 3-6,4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:48
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Galactocele	
Note: GALACTOCELE	TGLs = 2-14		
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-8		
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 1-13		
Spleen		Leukemia Mononuclear	
Testes	Seminif Tub	Atrophy	Marked
Note: ATROPHY	TGLs = 3-6		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Marked
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-8		
Testes	Interstitial Cell	Adenoma	
Note: ADENOMA	TGLs = 1-6		
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 585

DOSE: VEHICLE MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Pancreas
Seminal Vesicle
Trachea

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Preputial Gland
Skin

Bone
Eye
Intestine Small - Jejunum
Prostate
Stomach - Forestomach

Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Salivary Glands
Thyroid Gland

MISSING

Mammary Gland

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Ileum

OBSERVATIONS

Brain
Note: HEMORRHAGE TGLs = 7-5

Hemorrhage Focal, Marked

Heart

Cardiomyopathy Mild

Kidney

Leukemia Mononuclear

Liver

Nephropathy

Moderate

Lung

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-1

Lymph Node

Mandibular

Leukemia Mononuclear

Mesenteric

Leukemia Mononuclear

Nose

Leukemia Mononuclear

Pituitary Gland

Pars Distalis

Adenoma

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-3

Stomach

Glandular

Leukemia Mononuclear

Testes

Interstit Cell

Adenoma

Note: ADENOMA TGLs = 3-6

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 585

DOSE: VEHICLE MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 4-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney	Renal Tubule	Cyst	
		Nephropathy	Mild
Note: CYST TGLs = 3-4			
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Moderate
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA DESCRIBED GROSSLY AS LYMPH NODE			
Note: FIBROMA TGLs = 1-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-6			
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
Note: ANOM HEPAT LOB TGLs = 6-3			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Preputial Gland		Atrophy	Marked
Note: ATROPHY TGLs = 7-10			
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 4-6			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-6			
Thyroid Gland	C Cell	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 667

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Preputial Gland

OBSERVATIONS

Intestine Large	Cecum	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Marked
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Marked
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Moderate
Prostate		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-13			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-3			
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Note: ALV BRON ADEN TGLs = 8-1			
Note: LEUKEMIA MONUC TGLs = 1-2,2-2			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 5-6			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-6

Note: ATROPHY TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Stomach - Forestomach

OBSERVATIONS

Brain		Astrocytoma Malignant	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-10		
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-6,3-6		
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 735
DOSE: VEHICLE MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Intestine Large	Rectum	Parasite Metazoan	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
Seminal Vesicle		Atrophy	Moderate
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-13		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-6		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 406

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	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	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland
---------------	-------------------	-----------------

INSUFFICIENT TISSUE

Spinal Cord

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Marked
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Moderate
Nose		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 530

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Hemorrhage	Focal, Mild
Note: HEMORRHAGE	TGLs = 6-5		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skeletal Muscle	Back	Hemorrhage	Focal, Marked
Note: HEMORRHAGE	TGLs = 7-10		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
Note: ADENOMA	TGLs = 3-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 530

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Urinary Bladder

Concretion

Marked

Note: CONCRETION TGLs = 4-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 13-8	Medulla	Pheochromocytoma Benign	
Eye Note: CATARACT TGLs = 1-13	Retina	Cataract Degeneration	Mild Marked
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Moderate
	Rectum	Parasite Metazoan	Moderate
Intestine Small Note: HYPERPLASIA TGLs = 9-7	Ileum	Hyperplasia	Lymphoid, Mild
Kidney Note: NEPHROPATHY TGLs = 15-4		Nephropathy	Marked
Liver	Bile Duct	Hyperplasia Necrosis	Mild Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland Note: HYPERPLASIA TGLs = 2-10		Hyperplasia	Glandular, Marked
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Mild
Pituitary Gland Note: ADENOMA TGLs = 16-8	Pars Distalis	Adenoma	
Preputial Gland Note: INFLAMMATION TGLs = 4-10		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: VEHICLE MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 8-6		
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS	TGLs = 10-3		
Testes		Adenoma	
Note: ADENOMA	TGLs = 6-6,7-6	Interstit Cell	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 568

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Salivary Glands
Seminal Vesicle	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-4		
Liver	Bile Duct	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Inflammation	Chronic, Mild
Pancreas		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-8		
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Inflammation	Acute, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-13		
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 2-3		
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Hyperkeratosis	Moderate
	Forestomach	Inflammation	Focal, Mild
Note: HYPERKERATOSIS	TGLs = 7-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 568

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum	Parasite Metazoan	Mild
	Colon	Parasite Metazoan	Marked
	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-4		
Liver		Basophilic Focus	Mild
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Note: FATTY CHANGE	TGLs = 6-3		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Prostate		Inflammation	Chronic, Minimal
Seminal Vesicle		Atrophy	Marked
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC	TGLs = 1-10		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-6,4-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 637

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 7-8	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney Note: NEPHROPATHY TGLs = 8-4,9-4		Mineralization	Mild
		Nephropathy	Marked
Liver		Fatty Change	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node Note: CONGESTION TGLs = 6-2	Mediastinal	Congestion	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Nose		Inflammation	Chronic, Mild
Pancreas	Acinus	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Seminal Vesicle Note: ATROPHY TGLs = 4-6		Atrophy	Marked
Testes Note: ADENOMA TGLs = 2-6,3-6	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 4-4		
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-9		
Nose		Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Seminal Vesicle		Atrophy	Marked
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-6		
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Kidney		Nephropathy	Moderate
Liver		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 2-9			
Mammary Gland		Adenocarcinoma	
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 1-14			
Spleen		Fibrosis	Focal, Mild
Note: FIBROSIS TGLs = 4-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 735
DOSE: VEHICLE MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone	Tarsal	Hyperostosis	Marked
Note: HYPEROSTOSIS TGLs = 11-13			
Epididymis		Atrophy	Mild
Note: ATROPHY TGLs = 5-6			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 8-4,9-4			
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
Note: NECROSIS TGLs = 10-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Congestion	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION TGLs = 1-9			
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Seminal Vesicle		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 735
	DOSE: VEHICLE MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY	TGLs = 7-6		
Spleen			Leukemia Mononuclear
Testes		Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 4-6,6-6		
Thyroid Gland		C Cell	Carcinoma
Note: CARCINOMA	TGLs = 2-8.1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone Marrow

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Parathyroid Gland

Skin

Stomach - Forestomach

Stomach - Glandular

Trachea

Urinary Bladder

MISSING

Spleen

Thymus

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Bone

Osteosarcoma

Note: OSTEOSARC TGLs = 3-14.2

Eye

Cataract

Marked

Note: CATARACT TGLs = 1-15

Heart

Cardiomyopathy

Moderate

Islets, Pancreatic

Hyperplasia

Moderate

Kidney

Nephropathy

Mild

Note: NEPHROPATHY TGLs = 9-4

Liver

Bile Duct

Hyperplasia

Moderate

Note: HYPERPLASIA TGLs = 10-3

Lung

Peribronchial

Inflammation

Chronic, Mild

Lymph Node

Lumbar

Infiltration Cellular

Histiocyte, Marked

Mandibular

Infiltration Cellular

Plasma Cell, Moderate

Mesenteric

Infiltration Cellular

Histiocyte, Mild

Renal

Infiltration Cellular

Histiocyte, Marked

Note: INFILTRAT CELL TGLs = 12-3

Note: INFILTRAT CELL TGLs = 11-4

Note: INFILTRAT CELL TGLs = 8-8

Mammary Gland

Fibroadenoma

Note: FIBROADENOMA TGLs = 2-13+13.1

Nose

Inflammation

Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: VEHICLE MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Metaplasia	Squamous, Moderate
	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Preputial Gland		Adenoma	
Prostate		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Minimal
Note: ATROPHY	TGLs = 5-6	Atrophy	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-6		
Thyroid Gland	C Cell	Carcinoma	
	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 630
DOSE: VEHICLE MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
Note: HEPATOCLR CARC TGLs = 6-3+3.1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Acute, Moderate
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 5-6			
Spleen		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-6			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 2-8,3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 589

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Focal, Mild
Note: HEMORRHAGE	TGLs = 11-5		
Eye	Sclera	Mineralization	Focal, Moderate
Note: MINERALIZATION	TGLs = 1-10		
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-4		
Liver	Bile Duct	Hyperplasia	Mild
Note: LEUKEMIA MONUC	TGLs = 7-3	Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-1		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3,5-3		
Stomach	Forestomach	Inflammation	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 589

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 8-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Moderate
		Necrosis	Focal, Mild
Lung		Embolus	Moderate
	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Marked
		Metaplasia	Squamous, Marked
Pancreas	Acinus	Hyperplasia	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Seminal Vesicle		Atrophy	Mild
Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
Note: FIBROMA	TGLs = 2-13		
Note: KERATOACANTHOMA	TGLs = 1-14		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-6		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Mild
Intestine Small	Duodenum	Leiomyosarcoma	
Note: LEIOMYOSAR TGLs = 2-14			
Kidney		Nephropathy	Mild
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-3			
Note: FATTY CHANGE TGLs = 6-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Renal	Congestion	Moderate
	Mesenteric	Pigmentation	Hemosiderin, Moderate
Note: CONGESTION TGLs = 4-13			
Note: PIGMENT TGLs = 3-8			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Schwannoma Malignant	
Intestine Large	Colon	Parasite Metazoan	Marked
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
Lung		Fungus	
		Granuloma	Marked
	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Inguinal	Angiectasis	Marked
	Mandibular	Congestion	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Note: CONGESTION	TGLs = 4-9		
Note: ANGIECTASIS	TGLs = 3-13		
Nose		Fungus	
		Inflammation	Chronic, Marked
		Metaplasia	Squamous, Moderate
Note: FUNGUS	TGLs = 6-12		
Pancreas	Acinus	Atrophy	Marked
Preputial Gland		Inflammation	Chronic, Marked
Note: INFLAMMATION	TGLs = 2-10		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin Keratoacanthoma

Note: KERATOACANTHOMA TGLs = 1-10

Testes Bilateral, Interstit Cell Adenoma

Note: ADENOMA TGLs = 5-6

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Salivary Glands
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Preputial Gland
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Prostate
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Heart
Note: THROMBUS TGLs = 4-2
Kidney
Liver
Lung
Mammary Gland
Note: FIBROADENOMA TGLs = 2-13
Nose
Pituitary Gland
Seminal Vesicle
Skin
Note: KERATOACANTHOMA TGLs = 1-10
Testes
Note: ADENOMA TGLs = 3-6

Atrium
Bile Duct
Peribronchial
Pars Distalis
Bilateral, Interstit Cell

Cardiomyopathy
Thrombosis
Nephropathy
Basophilic Focus
Fatty Change
Hyperplasia
Necrosis
Inflammation
Fibroadenoma
Inflammation
Metaplasia
Adenoma
Atrophy
Keratoacanthoma
Adenoma

Mild
Moderate
Minimal
Minimal
Mild
Focal, Minimal
Chronic, Minimal
Chronic, Mild
Squamous, Mild
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 353

DOSE: VEHICLE MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Ileum
Nose
Skin
Thyroid Gland

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Jejunum
Pancreas
Stomach - Forestomach
Trachea

Bone
Intestine Large - Colon
Islets, Pancreatic
Salivary Glands
Stomach - Glandular

Bone Marrow
Intestine Small - Duodenum
Lymph Node - Mesenteric
Seminal Vesicle
Thymus

MISSING

Epididymis
Testes

Lymph Node - Mandibular

Mammary Gland

Parathyroid Gland

AUTO PRECLUDES DIAG.

Urinary Bladder

OBSERVATIONS

Brain		Hemorrhage	Focal, Marked
Note: TO POSTMORTEM CHANGE.			
Note: COLOR CHANGES IN ADRENAL LYMPH NODE AND STOMACH DUE TO			
Heart		Cardiomyopathy	Marked
		Inflammation	Chronic, Moderate
		Pigmentation	Hemosiderin, Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Congestion	Moderate
Note: CONGESTION	TGLs = 5-4		
Liver		Fatty Change	Moderate
Note: FATTY CHANGE	TGLs = 6-3		
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 1-1		
Pituitary Gland	Pars Distalis	Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 7-8		
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Acute, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 353

DOSE: VEHICLE MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 735
DOSE: VEHICLE MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Angiectasis	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: ANGIECTASIS TGLs = 1-9			
Mammary Gland		Fibroadenoma	
Nose		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 4-6			
Spleen		Congestion	Mild
Note: CONGESTION TGLs = 5-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-6,3-6			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 720

DOSE: VEHICLE MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	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	Parathyroid Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Preputial Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Moderate
	Bile Duct	Hyperplasia	Mild
Note: FATTY CHANGE	TGLs = 6-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 7-8		
Seminal Vesicle		Atrophy	Moderate
Skin	Subcut Tiss	Lipoma	
Note: LIPOMA	TGLs = 1-13+13.1		
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 736

DOSE: VEHICLE MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Heart
Intestine Small - Jejunum
Salivary Glands
Urinary Bladder

Bone
Intestine Large - Cecum
Islets, Pancreatic
Stomach - Forestomach

Brain
Intestine Large - Colon
Parathyroid Gland
Stomach - Glandular

Esophagus
Intestine Small - Duodenum
Prostate
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Bone Marrow
Epididymis
Intestine Large
Intestine Small
Kidney

Medulla

Rectum
Ileum

Renal Tubule

Hyperplasia
Leukemia Mononuclear
Mesothelioma Nos
Parasite Metazoan
Leukemia Mononuclear
Nephropathy
Pigmentation

Focal, Moderate

Marked

Mild
Moderate

Note: PIGMENT TGLs = 11-4
Liver

Fatty Change
Hyperplasia
Leukemia Mononuclear

Mild
Moderate

Note: LEUKEMIA MONUC TGLs = 12-3
Lung
Lymph Node

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Mesothelioma Nos

Mesentery
Note: MESOTHELIO NOS TGLs = 4-13
Nose

Inflammation
Metaplasia
Hyperplasia
Mesothelioma Nos

Chronic, Moderate
Squamous, Marked
Moderate

Pancreas
Note: MESOTHELIO NOS TGLs = 5-9

Acinus

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 1 DOSE: VEHICLE MALE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 13-8 Preputial Gland Seminal Vesicle Skeletal Muscle Note: MESOTHELIO NOS TGLs = 3-13 Skin Note: FIBROMA TGLs = 1-14+14.1 Spleen Note: MESOTHELIO NOS TGLs = 6-3 Note: LEUKEMIA MONUC TGLs = 9-3,10-3 Testes Note: ATROPHY TGLs = 7-6 Note: ADENOMA TGLs = 8-6 Thymus Thyroid Gland	Pars Distalis Subcut Tiss Bilateral, Interstit Cell Seminif Tub Follicle	Adenoma Inflammation Atrophy Mesothelioma Nos Fibroma Leukemia Mononuclear Mesothelioma Nos Adenoma Atrophy Mesothelioma Nos Leukemia Mononuclear Cyst	Chronic, Mild Marked Marked
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 370

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Intestine Large - Colon	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Adenoma	
Note: ADENOMA	TGLs = 7-9		
Kidney	Renal Tubule	Cyst	
	Pelvis	Inflammation	Acute, Marked
		Mineralization	Mild
		Nephropathy	Minimal
Note: INFLAMMATION	TGLs = 5-4		
Lymph Node	Mediastinal	Congestion	Moderate
	Mediastinal	Infiltration Cellular	Plasma Cell, Marked
Note: INFILTRAT CELL	TGLs = 4-2		
Prostate		Inflammation	Acute, Marked
Skin	Subcut Tiss	Fibrosarcoma	
	Subcut Tiss	Necrosis	Marked
Note: NECROSIS	TGLs = 2-13+13.1		
Note: FIBROSARC	TGLs = 1-13+13.1		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 6-3		
Testes	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51	TRT#: 3	SEX: Male	DAY ON TEST: 370
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY Urinary Bladder	TGLs = 3-6	Interstit Cell Transit Epithe Wall Lumen	Hyperplasia Hyperplasia Inflammation Thrombosis	Mild Moderate Acute, Moderate
Note: THROMBUS	TGLs = 8-9.1			
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 614

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 5-4,6-4.1		
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
Note: NECROSIS	TGLs = 7-3		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mediastinal	Infiltration Cellular	Plasma Cell, Mild
Nose		Fungus	Moderate
		Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Acute, Mild
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 1-13		
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Hyperkeratosis	Moderate
	Forestomach	Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52	TRT#: 3	SEX: Male	DAY ON TEST: 614
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma
Thyroid Gland	C Cell	Carcinoma
Note: CARCINOMA	TGLs = 3-8,4-8	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 602

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Brain		Hemorrhage	Focal, Minimal
Note: HEMORRHAGE	TGLs = 5-5		
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 4-4		
Liver		Basophilic Focus	Minimal
		Fatty Change	Minimal
Lung	Bile Duct	Hyperplasia	Mild
		Congestion	Marked
		Hemorrhage	Focal, Moderate
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION	TGLs = 3-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 602

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 6-8

Pars Distalis

Hemorrhage

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 578

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	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	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Thrombosis	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Note: PHEOCHROM BGN TGLs = 5-8			
Note: THROMBUS TGLs = 5-8			
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 8-4			
Liver		Fatty Change	Minimal
Lung		Granuloma	Moderate
	Peribronchial	Inflammation	Chronic, Mild
Nose		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-6			
Spleen		Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 4-3			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 578

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-6,2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Mineralization	Minimal
		Nephropathy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-3		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Islets, Pancreatic

Parathyroid Gland

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Note: PHEOCHROM BGN TGLs = 9-2

Kidney

Mineralization

Mild

Nephropathy

Mild

Pigmentation

Moderate

Liver

Renal Tubule

Hyperplasia

Mild

Bile Duct

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 10-3

Mammary Gland

Fibroadenoma

Note: FIBROADENOMA TGLs = 1-7+7.1

Mesentery

Mesothelioma Malignant

Note: MESOTHELIO MAL TGLs = 4-5

Note: MESOTHELIO MAL TGLs = 7-6

Pancreas

Mesothelioma Malignant

Note: MESOTHELIO MAL TGLs = 8-5

Pituitary Gland

Pars Distalis

Adenoma

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 6-3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 5-4

Mesothelioma Malignant

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 644
DOSE: .01 G/KG LM **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	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
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Medulla	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-4			
Liver		Basophilic Focus	Minimal
		Fatty Change	Mild
		Hepatodiaphragmatic Nodule	Moderate
	Bile Duct	Hyperplasia	Moderate
Note: ANOM HEPAT LOB TGLs = 10-3			
Note: FATTY CHANGE TGLs = 11-3			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: INFILTRAT CELL TGLs = 2-9			
Nose		Inflammation	Acute, Marked
		Metaplasia	Squamous, Moderate
Note: INFLAMMATION TGLs = 12-12			
Pancreas	Acinus	Atrophy	Mild
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 8-6			
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 644

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERKERATOSIS TGLs = 9-7.1

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 7-6

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 705

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Parathyroid Gland

Intestine Small - Duodenum
Stomach - Glandular

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland
Note: PHEOCHROM BGN TGLs = 5-2.1

Bilateral, Medulla

Pheochromocytoma Benign

Kidney
[Nephropathy TGLS = 4-1]

Renal Tubule

Hyperplasia
Nephropathy

Minimal
Marked

Liver
Note: FATTY CHANGE TGLs = 7-4

Bile Duct

Fatty Change
Hyperplasia

Moderate
Mild

Lymph Node
Note: CONGESTION TGLs = 2-2

Lymphatic, Mandibular
Mandibular
Mandibular

Angiectasis
Congestion
Infiltration Cellular

Moderate
Mild
Plasma Cell, Moderate

Pituitary Gland
[Adenoma TGLS = 8-2]

Pars Distalis

Adenoma

Stomach
Note: ULCER TGLs = 9-3

Forestomach

Ulcer

Marked

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland	Spleen	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
Note: FATTY CHANGE TGLs = 5-4			
Pituitary Gland	Pars Distalis	Cyst	
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 3-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-3,2-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 60 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 734
DOSE: .01 G/KG LM **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Islets, Pancreatic Parathyroid Gland Thyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 5-1]			
Liver	Bile Duct	Hyperplasia	Mild
		Neoplastic Nodule	
Note: NEOPLASTIC NOD	TGLs = 6-3		
Lymph Node	Lymphatic, Mandibular	Angiectasis	Marked
	Renal	Hyperplasia	Lymphoid, Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Note: HYPERPLASIA	TGLs = 7-3		
Note: ANGIECTASIS	TGLs = 3-4		
Mammary Gland		Fibroadenoma	
		Galactocele	
		Lipoma	
Note: LIPOMA	TGLs = 1-5		
Note: GALACTOCELE	TGLs = 2-4+5+5.1		
Pancreas	Acinus	Adenoma	
Note: ADENOMA	TGLs = 4-2		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 8-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Esophagus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Urinary Bladder
-------------------------	-------------------------	-----------------

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Congestion	Mild
Lung			
Note: CONGESTION	TGLs = 6-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Galactocele	
Note: GALACTOCELE	TGLs = 3-13		
Nose		Hemorrhage	Focal, Mild
Note: HEMORRHAGE	TGLs = 1-12.1		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 8-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
Testes	Seminif Tub	Atrophy	Mild
Note: ATROPHY	TGLs = 4-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 625

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: .01 G/KG LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Thyroid Gland

Parathyroid Gland

Pituitary Gland

Stomach - Glandular

OBSERVATIONS

Adrenal Gland
Note: PHEOCHROM BGN TGLs = 10-2

Medulla

Pheochromocytoma Benign

Kidney

Nephropathy

Moderate

Liver

Bile Duct

Hyperplasia

Marked

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 11-7

Lung

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-3+4

Lymph Node

Mediastinal

Congestion

Moderate

Note: CONGESTION TGLs = 2-4

Mediastinal

Leukemia Mononuclear

Seminal Vesicle

Atrophy

Moderate

Note: ATROPHY TGLs = 6-5

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 8-6,9-6

Stomach

Forestomach

Hyperplasia

Basal Cell, Minimal

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 4-5,5-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 734
DOSE: .01 G/KG LM **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic	Parathyroid Gland	Pituitary Gland	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 12-2.1			
Kidney		Mineralization	Minimal
		Nephropathy	Moderate
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Note: LEUKEMIA MONUC TGLs = 11-2			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 5-5			
Pancreas	Acinus	Adenoma	
		Atrophy	Moderate
Note: ADENOMA TGLs = 10-4			
Preputial Gland		Abscess	Moderate
		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 2-6			
Note: ABSCESS TGLs = 3-6			
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY TGLs = 8-3			
Skin		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-5			
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
Note: LEUKEMIA MONUC TGLs = 9-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-3,7-3			
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: .01 G/KG LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 559
DOSE: .01 G/KG LM **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	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	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland Skeletal Muscle

OBSERVATIONS

Heart		Cardiomyopathy	Marked
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Serosa	Proliferation	Mild
Note: PROLIFERATION TGLs = 8-12			
Lung		Hemorrhage	Focal, Mild
	Peribronchial	Inflammation	Chronic, Mild
Note: HEMORRHAGE TGLs = 7-2			
Nose		Inflammation	Chronic, Mild
Pancreas	Duct	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Mild
Note: ATROPHY TGLs = 6-6			
Skin	Subcut Tiss	Fibrosarcoma	
		Keratoacanthoma	
Note: FIBROSARC TGLs = 2-14			
Note: KERATOACANTHMA TGLs = 4-12			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64

TRT#: 3
DOSE: .01 G/KG LM

SEX: Male
DISP: Moribund

DAY ON TEST: 559
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes
Note: ADENOMA TGLs = 5-6

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 3 DOSE: .01 G/KG LM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland	Pituitary Gland	Thyroid Gland
OBSERVATIONS			
Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Atrium	Dilatation	Marked
Note: DILATATION TGLs = 7-4			
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-5			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-6+7			
Lymph Node	Mediastinal	Congestion	Moderate
	Mediastinal	Leukemia Mononuclear	
Note: CONGESTION TGLs = 6-4			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 3-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-5			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-3,2-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-3		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-3		
Pharynx	Palate	Squamous Cell Papilloma	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 3-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-3		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 339

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	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	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Heart		Cardiomyopathy	Marked
		Inflammation	Chronic, Moderate
		Pigmentation	Hemosiderin, Mild
Intestine Large	Cecum	Parasite Metazoan	Moderate
Kidney		Nephropathy	Mild
Liver		Congestion	Marked
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Focal, Mild
Note: CONGESTION	TGLs = 7-3		
Lung		Congestion	Marked
		Edema	Mild
Note: CONGESTION	TGLs = 1-1		
Nose		Inflammation	Chronic, Mild
Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Congestion	Mild
Note: CONGESTION TGLs = 5-2			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-5			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-4,3-4			
Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71	TRT#: 3 DOSE: .01 G/KG LM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO:
OBSERVATIONS			
Adrenal Gland Note: PHEOCHROM BGN TGLs = 6-2 Islets, Pancreatic Note: ADENOMA TGLs = 10-4	Cortex Medulla	Cytoplasmic Alteration Pheochromocytoma Benign Adenoma	Focal, Mild
Kidney [Nephropathy TGLS = 5-1]	Pelvis, Transit Epithe	Hyperplasia Nephropathy	Moderate Moderate
Liver Note: BASOPH FOCUS TGLs = 8-2		Basophilic Focus Leukemia Mononuclear	Mild
Lymph Node Note: INFILTRAT CELL TGLs = 9-3	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Pancreas Note: ADENOMA TGLs = 10-4	Acinus	Adenoma	
Parathyroid Gland		Adenoma	
Pituitary Gland Note: ADENOMA TGLs = 7-2	Pars Distalis	Adenoma	
Skin Note: KERATOACANTHMA TGLs = 1-4		Keratoacanthoma	
Spleen Note: FIBROSIS TGLs = 4-4		Fibrosis Leukemia Mononuclear	Marked
Testes Note: ADENOMA TGLs = 2-3,3-3	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland Note: ADENOMA TGLs = 11-2	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland	Pituitary Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-2,2-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 614

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Epididymis		Mesothelioma Nos	
Note: MESOTHELIO NOS	TGLs = 4-6		
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Mesothelioma Nos	
Note: MESOTHELIO NOS	TGLs = 12-7		
Kidney	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	Minimal
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
Note: FATTY CHANGE	TGLs = 22-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Lymphatic, Mandibular	Angiectasis	Moderate
	Mesenteric	Congestion	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: ANGIECTASIS	TGLs = 5+6-6		
Mesentery		Mesothelioma Nos	
Note: MESOTHELIO NOS	TGLs = 15-13,16-13		
Nose		Inflammation	Chronic, Minimal
Pancreas		Mesothelioma Nos	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73	TRT#: 3	SEX: Male	DAY ON TEST: 614
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Lipoma	
Note: LIPOMA	TGLs = 3-13		
Spleen		Hematopoietic Cell Proliferation	Marked
		Mesothelioma Nos	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mesothelioma Nos	
		Necrosis	Mild
Note: MESOTHELIO NOS	TGLs = 13-6		
Note: ADENOMA	TGLs = 7-6,20-6		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 735
DOSE: .01 G/KG LM **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Stomach - Glandular	Thyroid Gland	
OBSERVATIONS			
Adrenal Gland Note: PHEOCHROM MAL TGLs = 6-4	Cortex Medulla	Hyperplasia Pheochromocytoma Malignant	Focal, Mild
Harderian Gland Note: ADENOMA TGLs = 1-3		Adenoma	
Heart Note: DILATATION TGLs = 2-3	Atrium	Cardiomyopathy Dilatation	Marked Marked
Kidney Note: NEPHROPATHY TGLs = 7-1	Pelvis, Transit Epithe Pelvis	Hyperplasia Inflammation Nephropathy	Mild Acute, Moderate Marked
Liver Note: NECROSIS TGLs = 8-2		Cytoplasmic Alteration Necrosis	Focal, Mild Focal, Moderate
Pituitary Gland Note: ADENOMA TGLs = 9-2	Pars Distalis	Adenoma	
Spleen Note: HEMANGIOSARC TGLs = 5-4		Fibrosis	Mild
Stomach Note: PAPILOMA SQUA TGLs = 10-5,11-5	Forestomach	Squamous Cell Papilloma	
Testes Note: ADENOMA TGLs = 3-4,4-4	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Parathyroid Gland

Pituitary Gland

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Kidney

Nephropathy

Moderate

Lymph Node

Mandibular

Infiltration Cellular

Plasma Cell, Moderate

Note: INFILTRAT CELL TGLs = 1-1

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-2

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 489

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Intestine Small - Jejunum	Mammary Gland	Parathyroid Gland	Thymus
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AUTO PRECLUDES DIAG.

Urinary Bladder

OBSERVATIONS

Brain		Hemorrhage	Focal, Marked
Note: HEMORRHAGE	TGLs = 7-5,8-5		
Heart		Cardiomyopathy	Moderate
Kidney		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 4-4		
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		
Lung		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 2-1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-2		
Nose		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Moderate
Skeletal Muscle		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 489

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 1-13

Spinal Cord

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-3

Testes

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 77	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 3-3	Medulla	Pheochromocytoma Benign	
Kidney Note: NEPHROPATHY TGLs = 4-1		Mineralization Nephropathy	Minimal Marked
Pituitary Gland	Pars Distalis	Adenoma	
Testes Note: ADENOMA TGLs = 1-2,2-2	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Kidney

Nephropathy

Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Mild

Skin

Keratoacanthoma

Note: KERATOACANTHMA TGLs = 1-3

Spleen

Congestion

Mild

Note: CONGESTION TGLs = 3-2

Testes

Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 723
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Thyroid Gland	Pancreas	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Note: VACUOLIZ CYTO TGLs = 9-2			
Epididymis		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 11-5			
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 10-1]			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 4-3			
Skeletal Muscle		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 5-4,6-6			
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-4			
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
Note: ADENOMA TGLs = 8-5			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Pancreas	Parathyroid Gland	Pituitary Gland
------------------------	----------	-------------------	-----------------

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 3-2	Bilateral, Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Moderate
Liver Note: ANOM HEPAT LOB TGLs = 4-2	Bile Duct	Hepatodiaphragmatic Nodule Hyperplasia	Mild
Testes Note: ADENOMA TGLs = 1-3,2-3	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: .01 G/KG LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Small - Duodenum
Thyroid Gland

Intestine Small - Ileum

Intestine Small - Jejunum

Parathyroid Gland

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland
Kidney

Cortex
Pelvis, Transit Epithe

Vacuolization Cytoplasmic
Hyperplasia
Nephropathy

Moderate
Moderate
Marked

Note: NEPHROPATHY TGLs = 4-1

Lymph Node

Note: CONGESTION TGLs = 5-3

Renal

Congestion

Mild

Pituitary Gland

Note: ADENOMA TGLs = 6-2

Pars Distalis

Adenoma

Testes

Note: ADENOMA TGLs = 1-4,2-4

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 82 TRT#: 3 SEX: Male DAY ON TEST: 735
DOSE: .01 G/KG LM DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Adrenal Gland - Medulla Parathyroid Gland Thyroid Gland

OBSERVATIONS

Kidney Note: NEPHROPATHY TGLs = 4-1		Nephropathy	Moderate
Liver Note: FIBROSARC TGLs = 5-2,6-2		Basophilic Focus Fatty Change Fibrosarcoma Hyperplasia	Mild Mild Metastatic (Skin) Marked
Pituitary Gland Skin Note: FIBROSARC TGLs = 1-4 Note: KERATOACANTHMA TGLs = 3-4	Bile Duct Pars Distalis Subcut Tiss	Hyperplasia Fibrosarcoma Keratoacanthoma	Focal, Minimal
Testes Note: ADENOMA TGLs = 2-3	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 1-2	Bilateral, Medulla	Pheochromocytoma Benign	
Kidney		Mineralization	Mild
		Nephropathy	Mild
Liver Note: HYPERPLASIA TGLs = 2-2	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Testes Note: ATROPHY TGLs = 3-2	Bilateral, Interstit Cell Seminif Tub	Adenoma	
		Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Thyroid Gland
------------------------	-------------------------	---------------

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Congestion	Marked
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION	TGLs = 2-2		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-2		
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 5-2		
Skin		Trichoepithelioma	
Note: TRICHOEPITHEL	TGLs = 1-3		
Testes	Bilateral, Interstit Cell	Adenoma	
		Edema	Marked
Note: ADENOMA	TGLs = 4-3		
Note: EDEMA	TGLs = 3-4		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung	Parathyroid Gland	Stomach - Forestomach
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MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney	Pelvis, Transit Epithe	Hyperplasia	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 12-1]			
Lymph Node	Lumbar	Congestion	Mild
	Mesenteric	Congestion	Marked
	Pancreatic	Congestion	Marked
	Renal	Congestion	Marked
Note: CONGESTION TGLs = 13-1			
[Congestion TGLS = 9-2]			
[Congestion TGLS = 10-4]			
[Congestion TGLS = 11-4]			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY TGLs = 7-3			
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-3,6-3			
Thyroid Gland	C Cell	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Parathyroid Gland	Thyroid Gland
OBSERVATIONS			
Kidney	Pelvis, Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
Note: FATTY CHANGE TGLs = 8-3			
Lung	Alveolar Epith	Metaplasia	Focal, Moderate
Note: METAPL TGLs = 3-4			
Lymph Node	Axillary	Congestion	Marked
Note: CONGESTION TGLs = 4-2			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-7+8			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
		Adenoma	
Preputial Gland			
Note: ADENOMA TGLs = 2-7			
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY TGLs = 5-6			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: .01 G/KG LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Adrenal Gland

Cortex

Vacuolization Cytoplasmic

Mild

Eye

Retina

Degeneration

Marked

Note: DEGEN TGLs = 1-5

Kidney

Hyperplasia

Minimal

Note: HYPERPLASIA TGLs = 8-1

Lung

Congestion

Mild

Peribronchial

Inflammation

Chronic, Mild

Note: CONGESTION TGLs = 3-4

Lymph Node

Lymphatic, Mandibular

Angiectasis

Marked

Mandibular

Congestion

Mild

Mandibular

Infiltration Cellular

Plasma Cell, Mild

Note: CONGESTION TGLs = 2-2

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Minimal

Seminal Vesicle

Atrophy

Marked

Note: ATROPHY TGLs = 7-6

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 5-6,6-6

Tongue

Squamous Cell Papilloma

Note: PAPILOMA SQUA TGLs = 4-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Parathyroid Gland	Pituitary Gland
Thyroid Gland			

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Note: INFILTRAT CELL TGLs = 1-2			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-3,3-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 684
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Intestine Small - Ileum	Parathyroid Gland
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MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Kidney Note: NEPHROPATHY TGLs = 5-1		Nephropathy	Mild
Liver Note: LEUKEMIA MONUC TGLs = 8-3,9-3	Bile Duct	Hyperplasia Leukemia Mononuclear	Mild
Lung Note: LEUKEMIA MONUC TGLs = 4-5+6		Leukemia Mononuclear	
Pituitary Gland Note: ADENOMA TGLs = 10-2	Pars Distalis	Adenoma	
Spleen Note: LEUKEMIA MONUC TGLs = 3-3		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 6-4	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 735

DOSE: .01 G/KG LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Pituitary Gland

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Bilateral, Medulla

Pheochromocytoma Benign

Note: PHEOCHROM BGN TGLs = 5-2

Kidney

Mineralization

Mild

Nephropathy

Marked

[Nephropathy TGLS = 6-1]

Seminal Vesicle

Atrophy

Marked

Note: ATROPHY TGLs = 7-4

Skin

Subcut Tiss

Fibroma

Note: FIBROMA TGLs = 1-3

Spleen

Fibrosis

Moderate

Note: FIBROSIS TGLs = 4-5

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 3-4

Thyroid Gland

C Cell

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 2-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 3	SEX: Male	DAY ON TEST: 684
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland	Urinary Bladder
------------------------	-------------------	-----------------

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Mineralization	Mild
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 10-1			
Lung		Congestion	Mild
Note: CONGESTION TGLs = 5-3+4			
Lymph Node	Mandibular	Congestion	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION TGLs = 4-2			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-7			
Pituitary Gland	Pars Intermed	Cyst	
Note: CYST TGLs = 11-2			
Spleen		Pigmentation	Hemosiderin, Marked
Note: PIGMENT TGLs = 6-5			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 8-6			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 92	TRT#: 3	SEX: Male	DAY ON TEST: 665
	DOSE: .01 G/KG LM	DISP: Accident	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Eye
------------------------	-------------------------	-----

MISSING

Parathyroid Gland

OBSERVATIONS

Esophagus		Foreign Body	Moderate
	Periesoph Tiss	Inflammation	Acute, Marked
		Perforation	
Note: PERFORATION	TGLs = 7-2		
Note: FOREIGN BODY	TGLs = 8-2		
Kidney		Mineralization	Mild
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 13-1		
Liver		Basophilic Focus	Mild
		Congestion	Moderate
	Bile Duct	Hyperplasia	Moderate
Note: CONGESTION	TGLs = 14-6		
Lung		Foreign Body	Moderate
	Pleura	Inflammation	Acute, Marked
Note: FOREIGN BODY	TGLs = 10-4		
Note: INFLAMMATION	TGLs = 9-4		
Lymph Node	Mandibular	Congestion	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Note: CONGESTION	TGLs = 2-2		
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 3-8		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 12-3		
Thymus		Congestion	Moderate
Note: CONGESTION	TGLs = 11-5		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 665

DOSE: .01 G/KG LM

DISP: Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 623

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Nose
Skin

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Pancreas
Stomach - Forestomach

Bone
Intestine Large - Cecum
Intestine Small - Jejunum
Preputial Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Salivary Glands
Trachea

MISSING

Mammary Gland

Parathyroid Gland

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

Urinary Bladder

OBSERVATIONS

Brain

Hemorrhage
Leukemia Mononuclear

Focal, Marked

Note: HEMORRHAGE TGLs = 7-5

Heart
Kidney

Cardiomyopathy
Leukemia Mononuclear
Mineralization
Nephropathy

Mild
Mild
Mild

Liver
Lung

Leukemia Mononuclear
Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 6-1

Lymph Node

Mandibular
Mediastinal
Mesenteric
Pars Distalis

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Adenoma
Leukemia Mononuclear

Marked

Seminal Vesicle

Note: DILATATION TGLs = 2-6

Spleen

Note: LEUKEMIA MONUC TGLs = 5-3

Testes

Interstit Cell

Leukemia Mononuclear
Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 623

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-6
Thyroid Gland

Follicular Cel

Adenoma
Leukemia Mononuclear

Note: ADENOMA TGLs = 4-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 597

DOSE: .01 G/KG LM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Nose
Stomach - Forestomach

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Salivary Glands
Stomach - Glandular

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Seminal Vesicle
Thyroid Gland

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Skin
Trachea

MISSING

Mammary Gland

Parathyroid Gland

AUTO PRECLUDES DIAG.

Islets, Pancreatic

Pancreas

OBSERVATIONS

Brain

Hemorrhage
Leukemia Mononuclear

Focal, Marked

Heart

Cardiomyopathy
Hemorrhage

Moderate
Focal, Mild

Kidney

Leukemia Mononuclear
Mineralization
Nephropathy

Mild
Mild

Note: NEPHROPATHY TGLs = 8-4

Liver

Bile Duct

Fatty Change
Hyperplasia
Leukemia Mononuclear

Mild
Mild

Note: LEUKEMIA MONUC TGLs = 9-3,10-3

Lung

Hemorrhage
Leukemia Mononuclear

Focal, Mild

Note: HEMORRHAGE TGLs = 2-1

Lymph Node

Mandibular
Mediastinal
Mesenteric
Mesenteric

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Necrosis

Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 3 DOSE: .01 G/KG LM	SEX: Male DISP: Dead	DAY ON TEST: 597 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Testes	Bilateral, Interstit Cell Interstit Cell	Adenoma Hyperplasia	Moderate
Note: ADENOMA TGLs = 6-6			
Thymus		Leukemia Mononuclear	
Urinary Bladder		Concretion	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney	Renal Tubule	Cyst	
	Pelvis, Transit Epithe	Hyperplasia	Mild
	Artery	Inflammation	Chronic, Marked
		Nephropathy	Marked
		Fibroadenoma	
Mammary Gland			
Note: FIBROADENOMA	TGLs = 1-4		
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-3,3-3		
Thyroid Gland	Follicle	Cyst	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 617

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Bone Marrow		Hyperplasia	Moderate
Eye		Cataract	Moderate
Note: CATARACT	TGLs = 1-10		
Harderian Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Marked
		Leukemia Mononuclear	
Intestine Small	Ileum	Leiomyosarcoma	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 6-4		
Liver		Fatty Change	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: FATTY CHANGE	TGLs = 7-3		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mesenteric	Infiltration Cellular	Plasma Cell, Moderate
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Moderate
Pancreas	Acinus	Adenoma	
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Inflammation	Chronic, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 2-13		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 3	SEX: Male	DAY ON TEST: 617
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 5-3	
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 3-6	

PRIMARY CAUSE OF DEATH -

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Kidney

Nephropathy

Marked

Mammary Gland

Galactoceles

Note: GALACTOCELE TGLs = 1-3

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 4-2

Prostate

Abscess

Moderate

Note: ABSCESS TGLs = 3-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 677

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum

Intestine Large - Colon

Parathyroid Gland

Stomach - Glandular

Testes

Thyroid Gland

OBSERVATIONS

Adrenal Gland

Bilateral, Medulla
Cortex

Pheochromocytoma Benign
Vacuolization Cytoplasmic

Minimal

Note: VACUOLIZ CYTO TGLs = 8-2

Note: PHEOCHROM BGN TGLs = 9-2

Kidney

Renal Tubule
Renal Tubule

Adenoma
Hyperplasia
Mineralization
Nephropathy

Minimal

Minimal

Marked

Note: NEPHROPATHY TGLs = 10-1

Liver

Bile Duct

Hepatodiaphragmatic Nodule
Hyperplasia
Leukemia Mononuclear
Necrosis

Minimal

Focal, Mild

Note: NECROSIS TGLs = 15-3

Note: ANOM HEPAT LOB TGLs = 16-3

Lung

Infiltration Cellular

Histiocyte, Moderate

Note: INFILTRAT CELL TGLs = 5-6+7

Lymph Node

Mandibular

Infiltration Cellular

Plasma Cell, Marked

Note: INFILTRAT CELL TGLs = 3-2

Mammary Gland

Galactocele

Note: GALACTOCELE TGLs = 4-5

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 17-2

Spleen

Fibrosis
Leukemia Mononuclear

Focal, Marked

Note: FIBROSIS TGLs = 7-3

Stomach

Forestomach

Ulcer

Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 677

DOSE: .01 G/KG LM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ULCER TGLs = 18-5

Thymus

Congestion

Mild

Note: CONGESTION TGLs = 6-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 99	TRT#: 3	SEX: Male	DAY ON TEST: 708
	DOSE: .01 G/KG LM	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland
------------------------	-------------------

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 4-1		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4+5		
Lymph Node		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2		
Pituitary Gland		Adenoma	
		Pigmentation	Hemosiderin, Moderate
Note: ADENOMA	TGLs = 8-2		
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 1-3		
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION	TGLs = 5-3		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		
Thyroid Gland		C Cell	Hyperplasia
			Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100	TRT#: 3	SEX: Male	DAY ON TEST: 735
	DOSE: .01 G/KG LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Parathyroid Gland

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Mild

Medulla

Pheochromocytoma Benign

Note: PHEOCHROM BGN TGLs = 4-2

Kidney

Renal Tubule

Cyst

Mineralization

Minimal

Nephropathy

Marked

Congestion

Minimal

Lung

Note: CONGESTION TGLs = 1-4+5

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Hyperplasia

Focal, Moderate

Stomach

Glandular

Infiltration Cellular

Lymphocyte, Marked

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-3,3-3

Thyroid Gland

Follicle

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 101

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Epididymis		Dilatation	Focal, Moderate
Note: DILATATION TGLs = 1-6			
Heart		Cardiomyopathy	Moderate
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Cytomegaly	Minimal
		Mineralization	Minimal
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 4-4,5-4			
Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Moderate
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY TGLs = 3-6			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-6			
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 101

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
Note: ANOM HEPAT LOB TGLs = 5-3			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-8			
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY TGLs = 4-6			
Skin		Keratoacanthoma	
Note: BACK MASS NOT SUBMITTED TO HISTOLOGY			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 3-8	Medulla	Pheochromocytoma Benign	
Epididymis		Atrophy	Moderate
Intestine Large	Rectum	Parasite Metazoan	Moderate
Kidney		Cytomegaly	Minimal
		Mineralization	Mild
		Nephropathy	Marked
Liver		Basophilic Focus	
		Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Note: ANOM HEPAT LOB TGLs = 2-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Fungus	
		Inflammation	Chronic, Marked
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Prostate		Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle

Atrophy

Marked

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 104

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 3-8	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney Note: NEPHROPATHY TGLs = 4-4		Mineralization	Mild
Liver		Nephropathy	Marked
	Bile Duct	Basophilic Focus	
		Hyperplasia	Moderate
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
	Alveolar Epith	Metaplasia	Focal, Marked
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Inflammation	Acute, Mild
Prostate		Hyperplasia	Focal, Moderate
		Inflammation	Chronic, Moderate
Seminal Vesicle		Atrophy	Marked
Spleen Note: CONGESTION TGLs = 2-3		Congestion	Mild
Testes Note: ADENOMA TGLs = 1-6	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 104

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 105

TRT#: 4

SEX: Male

DAY ON TEST: 483

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Hemorrhage	Focal, Mild
Note: HEMORRHAGE	TGLs = 2-5		
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
	Renal Tubule	Regeneration	Mild
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Salivary Glands		Karyomegaly	Focal, Mild
Spleen		Leukemia Mononuclear	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-6		
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 4

SEX: Male

DAY ON TEST: 709

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 7-8,8-8			
Heart		Cardiomyopathy	Moderate
Kidney	Pelvis, Transit Epithe	Hyperplasia	Moderate
	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 9-4			
Liver		Fatty Change	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Parathyroid Gland		Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 5-8			
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Marked
Skin		Cyst Epithelial Inclusion	
	Subcut Tiss	Fibrosis	Mild
Note: FIBROSIS TGLs = 4-13			
Note: CYST EPITH INC TGLs = 2-13,3-13			
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Acanthosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 4

SEX: Male

DAY ON TEST: 709

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Ulcer

Marked

Bilateral, Interstit Cell

Adenoma

Testes

Note: ADENOMA TGLs = 10-6,11-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 107

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Moderate
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC			
TGLs = 4-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Marked
Skin		Keratoacanthoma	
Note: KERATOACANTHMA			
TGLs = 1-13			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC			
TGLs = 3-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 107

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-6			
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 108

TRT#: 4

SEX: Male

DAY ON TEST: 724

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Preputial Gland
Stomach - Forestomach
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Prostate
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Thymus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Spleen
Trachea

OBSERVATIONS

Adrenal Gland
Heart
Kidney

Cortex

Cytoplasmic Alteration
Cardiomyopathy
Mineralization
Nephropathy
Fatty Change
Hyperplasia
Inflammation

Focal, Mild
Mild
Mild
Moderate
Minimal
Mild
Chronic, Mild

Liver

Bile Duct
Peribronchial

Atrophy
Fibroma
Adenoma

Marked

Lung

Note: INFLAMMATION TGLs = 1-1

Seminal Vesicle

Skin

Subcut Tiss
Bilateral, Interstit Cell

Carcinoma

Testes

Note: ADENOMA TGLs = 2-6,3-6

Thyroid Gland

Note: CARCINOMA TGLs = 4-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Kidney		Mineralization	Moderate
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 4-4		
Liver		Basophilic Focus	Minimal
		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Lumbar	Hyperplasia	Mild
	Renal	Pigmentation	Hemosiderin, Moderate
Note: PIGMENT	TGLs = 5-3		
Note: HYPERPLASIA	TGLs = 6-4		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Intermed	Cyst	
Preputial Gland		Inflammation	Granulomatous, Mild
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 3-6		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-6,2-6		
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Hexachloroethane
 CAS Number: 67-72-1

Date Report Requested: 10/23/2014
 Time Report Requested: 07:29:49
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 110 TRT#: 4 SEX: Male DAY ON TEST: 733
 DOSE: .02 G/KG HM DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Marked
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Acute, Marked
Stomach	Forestomach	Hyperplasia	Basal Cell, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-6			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 111 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 733
DOSE: .02 G/KG HM **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland
-------------------------	---------------

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 4-8	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Intestine Small	Duodenum	Adenocarcinoma	
Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Cyst	
		Mineralization	Moderate
		Nephropathy	Marked
Note: CYST TGLs = 5-4 Note: NEPHROPATHY TGLs = 6-4			
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY TGLs = 3-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-6,2-6			
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 112

TRT#: 4

SEX: Male

DAY ON TEST: 632

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	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	Pancreas
Preputial Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Minimal
Heart	Atrium	Cardiomyopathy Thrombosis	Moderate Moderate
Kidney	Pelvis, Transit Epithe	Hyperplasia Nephropathy	Moderate Marked
Note: HYPERPLASIA	TGLs = 6-4		
Note: NEPHROPATHY	TGLs = 5-4		
Liver	Bile Duct Mandibular	Cytoplasmic Alteration Hyperplasia Infiltration Cellular Inflammation Metaplasia	Focal, Mild Moderate Plasma Cell, Marked Chronic, Mild Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Prostate		Atrophy	Moderate
Seminal Vesicle		Atrophy	Moderate
Note: ATROPHY	TGLs = 2-6		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Ulcer	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 4

SEX: Male

DAY ON TEST: 632

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 113

TRT#: 4

SEX: Male

DAY ON TEST: 613

DOSE: .02 G/KG HM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Skin
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Small - Jejunum
Mammary Gland
Prostate
Spleen
Thyroid Gland

Bone
Esophagus
Islets, Pancreatic
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Urinary Bladder

OBSERVATIONS

Heart
Kidney

Cardiomyopathy
Mineralization
Nephropathy
Fatty Change
Foreign Body

Mild
Moderate
Mild
Moderate
Moderate

Liver
Lung
Note: FOREIGN BODY TGLs = 1-1

Nose
Preputial Gland

Inflammation
Inflammation

Chronic, Mild
Chronic, Minimal

Testes
Note: ADENOMA TGLs = 2-6,3-6

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 4

SEX: Male

DAY ON TEST: 586

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Pancreas	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Marked
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-4		
Liver		Basophilic Focus	Minimal
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Note: NECROSIS	TGLs = 6-3		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: INFILTRAT CELL	TGLs = 2-9		
Nose		Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC	TGLs = 1-13		
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 114

TRT#: 4

SEX: Male

DAY ON TEST: 586

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 115

TRT#: 4

SEX: Male

DAY ON TEST: 534

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: VACUOLIZ CYTO TGLs = 3-8	Cortex	Vacuolization Cytoplasmic	Minimal
Epididymis		Mesothelioma Nos	
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Mesothelioma Nos	
Intestine Small	Duodenum	Mesothelioma Nos	
	Ileum	Mesothelioma Nos	
Kidney Note: PIGMENT TGLs = 4-4	Renal Tubule	Pigmentation	Marked
Liver		Basophilic Focus	Minimal
		Fatty Change	Mild
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node Note: PIGMENT TGLs = 2-2	Mediastinal	Pigmentation	Hemosiderin, Marked
Mesentery Note: MESOTHELIO NOS TGLs = 7-13,8-13		Mesothelioma Nos	
Nose		Inflammation	Chronic, Mild
Pancreas Note: MESOTHELIO NOS TGLs = 10-10		Mesothelioma Nos	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Mesothelioma Nos	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 4

SEX: Male

DAY ON TEST: 534

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NEOPLASM IS A MESOTHELIOMA

Note: MESOTHELIO NOS TGLs = 12-6.1

Seminal Vesicle

Atrophy

Mild

Note: ATROPHY TGLs = 14-6.1

Note: TGL=11 IS MESOTHELIOMA NOS.

Skeletal Muscle

Mesothelioma Nos

Note: MESOTHELIO NOS TGLs = 5-13

Spleen

Hematopoietic Cell Proliferation

Mild

Testes

Bilateral, Interstit Cell

Adenoma

Mesothelioma Nos

Note: ADENOMA TGLs = 9-6

Note: MESOTHELIO NOS TGLs = 6-6

Urinary Bladder

Mesothelioma Nos

Note: MESOTHELIO NOS TGLs = 13-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 116

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

MISSING

Mammary Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Bone Marrow		Hyperplasia	Mild
Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Mineralization	Moderate
	Renal Tubule	Nephropathy	Moderate
		Pigmentation	Mild
Note: NEPHROPATHY TGLs = 5-4			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-8.1			
Preputial Gland		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 116

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ABSCESS	TGLs = 1-10		
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Mild
Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Moderate
Note: LEUKEMIA MONUC	TGLs = 3-3		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 6-6		
Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 4

SEX: Male

DAY ON TEST: 467

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	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	Preputial Gland
Prostate	Seminal Vesicle	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Eye	Parathyroid Gland	Thymus
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OBSERVATIONS

Epididymis		Mesothelioma Nos	
Heart		Cardiomyopathy	Mild
Kidney		Casts	Marked
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-4		
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Salivary Glands		Karyomegaly	Focal, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate
Note: PIGMENT	TGLs = 3-3		
Stomach	Serosa	Fibrosis	Marked
	Forestomach	Hyperkeratosis	Marked
	Serosa	Inflammation	Chronic Active, Mild
Note: INFLAMMATION	TGLs = 5-8		
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Nos	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 4

SEX: Male

DAY ON TEST: 467

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 118

TRT#: 4

SEX: Male

DAY ON TEST: 359

DOSE: .02 G/KG HM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

MISSING

Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Mild
		Mineralization	Mild
Note: INFLAMMATION TGLs = 9-4			
Liver		Fatty Change	Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 7-13			
Preputial Gland		Inflammation	Acute, Mild
Prostate		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
Note: INFLAMMATION TGLs = 6-6			
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Seminif Tub	Atrophy	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
	Wall	Inflammation	Chronic Active, Marked
Note: INFLAMMATION TGLs = 2-9.1			
Note: HYPERPLASIA TGLs = 1-9.1,3-9.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 119

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Bone Marrow

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Marked
	Medulla	Pheochromocytoma Complex	
Heart	Atrium	Cardiomyopathy	Moderate
Kidney		Thrombosis	
Liver		Nephropathy	Minimal
	Bile Duct	Basophilic Focus	
Lung		Hyperplasia	Mild
	Peribronchial	Granuloma	Mild
		Inflammation	Chronic, Mild
Note: GRANULOMA TGLs = 5-6			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Note: CYST TGLs = 6-8			
Preputial Gland		Abscess	Marked
		Adenoma	
Note: ADENOMA TGLs = 1-10			
Note: ABSCESS TGLs = 2-10			
Seminal Vesicle		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 119

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-6,4-6		
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Marked
Kidney	Renal Tubule	Adenoma	
	Pelvis, Transit Epithe	Hyperplasia	Moderate
		Mineralization	Moderate
		Nephropathy	Marked
Note: HYPERPLASIA	TGLs = 2-4		
Note: NEPHROPATHY	TGLs = 1-4		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
Note: HYPERPLASIA	TGLs = 3-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Hyperplasia	Focal, Moderate
Seminal Vesicle		Atrophy	Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 120

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 4-6

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 121

TRT#: 4

SEX: Male

DAY ON TEST: 558

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Skin
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Prostate
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Mammary Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Pancreas
Seminal Vesicle
Thymus

OBSERVATIONS

Heart
Kidney

Cardiomyopathy
Mineralization
Nephropathy

Marked
Moderate
Mild

Liver

Renal Tubule
Bile Duct

Pigmentation
Fatty Change
Hyperplasia
Leukemia Mononuclear

Minimal
Moderate
Mild

Lung

Peribronchial
Mesenteric
Mandibular
Mesenteric

Inflammation
Cyst
Leukemia Mononuclear
Leukemia Mononuclear

Chronic, Mild

Note: CYST TGLs = 3-10

Nose
Pituitary Gland
Preputial Gland

Pars Distalis

Metaplasia
Hyperplasia
Carcinoma

Squamous, Marked
Focal, Mild

Note: CARCINOMA TGLs = 1-10

Spleen

Hematopoietic Cell Proliferation
Leukemia Mononuclear

Moderate

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Minimal
Kidney	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Moderate
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
	Alveolar Epith	Metaplasia	Focal, Minimal
Note: INFLAMMATION	TGLs = 1-2		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 3-6		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Marked
Kidney		Mineralization	Moderate
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
Note: LEUKEMIA MONUC TGLs = 3-3			
Lung	Alveolar Epith	Hyperplasia	Adenomatous, Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Hyperplasia	Focal, Moderate
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Marked
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 123

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 2-6

Thyroid Gland

Follicular Cel

Carcinoma

Note: CARCINOMA TGLs = 1-8.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 124

TRT#: 4

SEX: Male

DAY ON TEST: 649

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Kidney		Mineralization	Mild
		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 5-4			
Liver		Fatty Change	Mild
		Necrosis	Focal, Minimal
Lung		Granuloma	Mild
	Peribronchial	Inflammation	Chronic, Mild
Note: PAS CONSISTENT WITH FUNGUS			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Mild
Note: MASS OF PALATE NOT SUBMITTED. SLIDE 13 IS TONGUE.			
Pharynx	Palate	Squamous Cell Papilloma	
Preputial Gland		Inflammation	Chronic, Moderate
Seminal Vesicle		Atrophy	Marked
Stomach	Forestomach	Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 88			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 4

SEX: Male

DAY ON TEST: 733

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-4			
Note: CARCINOMA TGLs = 4-4			
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung		Granuloma	Mild
	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-6,2-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Hexachloroethane
 CAS Number: 67-72-1

Date Report Requested: 10/23/2014
 Time Report Requested: 07:29:49
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 126

TRT#: 4

SEX: Male

DAY ON TEST: 636

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Note: VACUOLIZ CYTO TGLs = 3-8			
Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Moderate
Kidney	Renal Tubule	Carcinoma	
		Mineralization	Moderate
Note: NEPHROPATHY TGLs = 5-4		Nephropathy	Moderate
Note: CARCINOMA TGLs = 1-4.1+4.2+4.3+4.4			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Kidney)
	Peribronchial	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Angiectasis	Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 126

TRT#: 4

SEX: Male

DAY ON TEST: 636

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 2-6	
Thyroid Gland	C Cell	Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Epididymis		Mesothelioma Nos	
Heart		Cardiomyopathy	Moderate
Kidney		Adenoma	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 7-4 Note: ADENOMA FITS CRITERIA FOR ONCOCYTOMA.			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Necrosis	Focal, Mild
		Neoplastic Nodule	
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Angiectasis	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Hyperplasia	Mild
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-10			
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY TGLs = 6-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127	TRT#: 4	SEX: Male	DAY ON TEST: 734
	DOSE: .02 G/KG HM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma Mesothelioma Nos
Note: MESOTHELIO MAL TGLs = 3-6,5-6 Note: ADENOMA TGLs = 2-6,4-6		
Thyroid Gland	Follicle	Cyst
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 128

TRT#: 4

SEX: Male

DAY ON TEST: 700

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Prostate
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Salivary Glands
Thymus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Seminal Vesicle
Thyroid Gland

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Skin
Trachea

OBSERVATIONS

Brain
Heart
Kidney

Hydrocephalus
Cardiomyopathy
Mineralization
Nephropathy

Moderate
Mild
Mild
Moderate

Note: NEPHROPATHY TGLs = 4-4

Liver
Lung

Bile Duct
Peribronchial

Hyperplasia
Inflammation

Moderate
Chronic, Mild

Note: INFLAMMATION TGLs = 2-1

Lymph Node
Nose

Mandibular

Infiltration Cellular
Metaplasia
Hyperplasia
Adenoma

Plasma Cell, Moderate
Squamous, Mild
Marked

Pancreas
Pituitary Gland

Acinus
Pars Distalis

Note: ADENOMA TGLs = 5-8

Preputial Gland
Spleen

Inflammation
Pigmentation

Chronic, Mild
Hemosiderin, Moderate

Stomach

Forestomach
Forestomach
Forestomach

Acanthosis
Hyperkeratosis
Ulcer

Marked
Marked
Moderate

Note: ULCER TGLs = 3-7,6-7

Testes

Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Parathyroid Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Moderate
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 4-6		
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-13+13.1		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-6		
Thymus		Thymoma Benign	
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Salivary Glands
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Stomach - Forestomach

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Parathyroid Gland
Stomach - Glandular

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Prostate
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Heart
Kidney

Medulla
Pelvis, Transit Epithe
Renal Tubule

Pheochromocytoma Benign
Cardiomyopathy
Hyperplasia
Hyperplasia
Mineralization
Nephropathy

Mild
Mild
Mild
Mild
Moderate

Note: NEPHROPATHY TGLs = 5-4

Liver

Bile Duct

Hyperplasia
Necrosis

Mild
Focal, Minimal

Lung

Peribronchial

Inflammation
Infiltration Cellular

Chronic, Mild
Plasma Cell, Moderate

Lymph Node

Mandibular

Inflammation
Metaplasia

Chronic, Moderate
Squamous, Marked

Nose

Pancreas

Acinus

Hyperplasia
Adenoma

Marked

Pituitary Gland

Pars Distalis

Inflammation

Chronic, Mild

Preputial Gland

Seminal Vesicle

Atrophy

Marked

Skin

Keratoacanthoma

Note: KERATOACANTHMA TGLs = 1-13

Spleen

Fibrosis

Focal, Moderate

Note: FIBROSIS TGLs = 4-3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 130

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-6,3-6			
Thymus		Thymoma Benign	
Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 4

SEX: Male

DAY ON TEST: 692

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Epididymis		Mesothelioma Nos	
Eye	Retina	Degeneration	Moderate
	Vitreous	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 1-10		
Heart		Cardiomyopathy	Marked
Kidney		Mineralization	Moderate
		Nephropathy	Moderate
Note: MINERALIZATION	TGLs = 16-4		
Note: NEPHROPATHY	TGLs = 15-4		
Liver	Bile Duct	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 14-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 6-2		
Lymph Node	Mediastinal	Congestion	Mild
	Mesenteric	Hyperplasia	Lymphoid, Marked
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Note: CONGESTION	TGLs = 7-2		
Mesentery		Mesothelioma Nos	
Note: MESOTHELIO NOS	TGLs = 9-14		
Pituitary Gland	Pars Distalis	Vacuolization Cytoplasmic	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 4

SEX: Male

DAY ON TEST: 692

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Atrophy	Marked
Skeletal Muscle		Mesothelioma Nos	
Note: MESOTHELIO NOS	TGLs = 8-14		
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC	TGLs = 2-13		
Spleen		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Nos	
Note: ADENOMA	TGLs = 12-6		
Urinary Bladder		Mesothelioma Nos	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Marked
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Marked
Note: ADENOMA	TGLs = 6-4		
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hyperplasia	Mild
Note: CYTOPLAS ALTER	TGLs = 5-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Congestion	Marked
Note: CONGESTION	TGLs = 4-2		
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 1-10		
Nose		Metaplasia	Squamous, Marked
Pituitary Gland	Pars Nervosa	Cyst	
Preputial Gland		Abscess	Mild
Seminal Vesicle		Atrophy	Marked
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-6,3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 4

SEX: Male

DAY ON TEST: 639

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Marked
Brain		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Carcinoma	
		Mineralization	Moderate
		Nephropathy	Moderate
Note: CARCINOMA TGLs = 3-4			
Note: NEPHROPATHY TGLs = 4-4			
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Moderate
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Congestion	Mild
	Mesenteric	Hyperplasia	Lymphoid, Marked
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION TGLs = 2-9			
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-8			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Pigmentation	Hemosiderin, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133

TRT#: 4

SEX: Male

DAY ON TEST: 639

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Atrophy	Minimal
Urinary Bladder		Concretion	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 134

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Colon	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-9		
Note: LEUKEMIA MONUC	TGLs = 3-2		
Note: LEUKEMIA MONUC	TGLs = 5-8		
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Inflammation

Acute, Moderate

Note: INFLAMMATION TGLs = 1-10

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-3

Testes

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 135

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Marked
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney	Renal Tubule	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Moderate
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Pancreatic	Pigmentation	Hemosiderin, Moderate
Note: PIGMENT	TGLs = 5-9		
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Hyperplasia	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 4-6		
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 135

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-6,3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Epididymis		Atrophy	Mild
Note: ATROPHY	TGLs = 2-6		
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Moderate
	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 5-13		
Nose	Lymphatic	Angiectasis	Moderate
		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
Pancreas	Artery	Inflammation	Marked
Note: INFLAMMATION	TGLs = 4-9		
Preputial Gland		Inflammation	Chronic, Minimal
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 3-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 136

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1-6		
Thyroid Gland	Follicle	Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 4

SEX: Male

DAY ON TEST: 653

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	

MISSING

Esophagus	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Marked
		Leukemia Mononuclear	
Intestine Large	Rectum	Parasite Metazoan	Marked
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC TGLs = 5-4			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-3			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-9			
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Atrophy	Marked
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137

TRT#: 4

SEX: Male

DAY ON TEST: 653

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 3-3			
Testes		Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 6-6,7-6			
Thyroid Gland		C Cell	Hyperplasia	Minimal
Urinary Bladder			Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 138

TRT#: 4

SEX: Male

DAY ON TEST: 577

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Mesentery

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Focal, Minimal
Note: HEMORRHAGE TGLs = 6-5			
Epididymis		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-6			
Heart		Cardiomyopathy	Moderate
Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Fatty Change	Moderate
	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Marked
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION TGLs = 7-1			
Lymph Node	Mesenteric	Congestion	Marked
Nose		Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Depletion Lymphoid	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 4

SEX: Male

DAY ON TEST: 577

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DEPLET LYMPH TGLs = 4-3

Testes

Note: ADENOMA TGLs = 2-6

Bilateral, Interstit Cell

Pigmentation

Hemosiderin, Moderate

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Intestine Small - Ileum	Mammary Gland	Prostate	Seminal Vesicle
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OBSERVATIONS

Heart		Cardiomyopathy	Marked
	Atrium	Thrombosis	Marked
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Liver		Basophilic Focus	
		Fibrosis	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Mineralization	Focal, Mild
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Marked
Preputial Gland		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-10		
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Nos	
Note: ADENOMA	TGLs = 3-6,4-6		
Thymus		Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Follicle

Cyst

C Cell

Hyperplasia

Marked

Note: HYPERPLASIA TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 140

TRT#: 4

SEX: Male

DAY ON TEST: 630

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Intestine Small	Ileum	Parasite Metazoan	Mild
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA	TGLs = 6-9		
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Moderate
Nose		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland	Bilateral	Adenoma	
Note: ADENOMA	TGLs = 1-10.1		
Prostate		Atrophy	Mild
Seminal Vesicle		Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 141

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Prostate	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Marked
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-10		
Nose		Metaplasia	Squamous, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 5-10		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-6,3-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 4

SEX: Male

DAY ON TEST: 682

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Bone

Brain

Epididymis

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Pancreas

Parathyroid Gland

Pituitary Gland

Preputial Gland

Prostate

Salivary Glands

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Bone Marrow

Hyperplasia

Moderate

Heart

Atrium

Dilatation

Marked

Note: DILATATION TGLs = 7-2

Kidney

Hyperplasia

Minimal

Mineralization

Moderate

Nephropathy

Moderate

Note: NEPHROPATHY TGLs = 13-4

Liver

Basophilic Focus

Minimal

Bile Duct

Hyperplasia

Marked

Leukemia Mononuclear

Necrosis

Focal, Moderate

Note: HYPERPLASIA TGLs = 16-3

Note: LEUKEMIA MONUC TGLs = 15-3

Note: NECROSIS TGLs = 14-3

Lung

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 9-1

Lymph Node

Mandibular

Infiltration Cellular

Plasma Cell, Moderate

Mandibular

Leukemia Mononuclear

Mediastinal

Leukemia Mononuclear

Mesenteric

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 8-2

Mammary Gland

Hemorrhage

Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 4

SEX: Male

DAY ON TEST: 682

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE	TGLs = 4-10		
Mesentery		Sarcoma	
Note: SARCOMA	TGLs = 10-13		
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Seminal Vesicle		Atrophy	Marked
Note: ATROPHY	TGLs = 11-6		
Skin		Hyperkeratosis	Marked
Note: HYPERKERATOSIS	TGLs = 2-13		
Note: BASE OF SKIN LESION NOT SEEN ON SLIDE OR RECUT			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 12-3.1		
Testes		Bilateral, Interstit Cell	
Note: ADENOMA	TGLs = 5-6	Adenoma	
Thyroid Gland		C Cell	
Note: HYPERPLASIA	TGLs = 6-8	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Prostate	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart	Atrium	Cardiomyopathy	Moderate
Note: THROMBUS	TGLs = 3-2.1,4-2.1		
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA	TGLs = 9-9		
Kidney		Mineralization	Moderate
Note: NEPHROPATHY	TGLs = 10-4	Nephropathy	Marked
Liver	Bile Duct	Fatty Change	Minimal
Note: FATTY CHANGE	TGLs = 11-3	Hyperplasia	Mild
Lung	Artery	Necrosis	Focal, Minimal
	Alveolar Epith	Ectasia	Marked
	Peribronchial	Hyperplasia	Adenomatous, Mild
Lymph Node	Mediastinal	Inflammation	Chronic, Mild
	Mesenteric	Congestion	Moderate
	Mandibular	Congestion	Moderate
Note: CONGESTION	TGLs = 8-8	Infiltration Cellular	Plasma Cell, Mild
Note: CONGESTION	TGLs = 5-2		
Nose		Fungus	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143	TRT#: 4	SEX: Male	DAY ON TEST: 734
	DOSE: .02 G/KG HM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Organ	Accountable Site	Pathology	Severity
Pancreas	Acinus	Inflammation Metaplasia Atrophy	Acute, Moderate Squamous, Moderate Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-10		
Seminal Vesicle		Atrophy	Marked
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC	TGLs = 2-13		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 6-6		
Thyroid Gland	Follicle	Cyst	
Urinary Bladder		Concretion	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 703
DOSE: .02 G/KG HM **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Spleen	Thyroid Gland
Trachea			

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Ileum	Lymph Node - Mesenteric	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Complex	
Note: PHEOCHROM CPLX TGLs = 7-8.1			
Note: PHEOCHROM BGN TGLs = 6-8			
Heart	Atrium	Cardiomyopathy	Moderate
		Dilatation	Marked
Note: DILATATION TGLs = 3-2.1			
Kidney		Mineralization	Moderate
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 10-4			
Note: MINERALIZATION TGLs = 9-4			
Liver		Basophilic Focus	Minimal
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
Note: HEPATOCLR CARC TGLs = 11-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Seminal Vesicle		Atrophy	Mild
Skin	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 4

SEX: Male

DAY ON TEST: 703

DOSE: .02 G/KG HM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROSARC TGLs = 1-13+13.1

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 4

SEX: Male

DAY ON TEST: 550

DOSE: .02 G/KG HM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Heart	Atrium	Dilatation	Marked
Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Mineralization	Moderate
Liver		Nephropathy	Mild
		Fatty Change	Moderate
		Leukemia Mononuclear	
Lung	Mandibular Mesenteric Pancreatic	Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-9		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Stomach	Glandular	Erosion	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 146

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney		Mineralization	Marked
		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Note: BASOPH FOCUS	TGLs = 3-3		
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-8		
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-10		
Prostate		Inflammation	Acute, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 147

TRT#: 4

SEX: Male

DAY ON TEST: 324

DOSE: .02 G/KG HM

DISP: Gavage Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Adrenal Gland - Medulla	Intestine Large - Cecum	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Brain		Hemorrhage	Focal, Minimal
Note: HEMORRHAGE	TGLs = 7-5		
Heart		Cardiomyopathy	Marked
		Inflammation	Chronic, Moderate
Kidney	Renal Tubule	Necrosis	Focal, Mild
	Renal Tubule	Nephropathy	Minimal
Note: NECROSIS	TGLs = 3-4	Regeneration	Mild
Liver		Fatty Change	Mild
		Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 6-3		
Lung		Congestion	Marked
Note: CONGESTION	TGLs = 4-1		
Nose		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 148

TRT#: 4

SEX: Male

DAY ON TEST: 587

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	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	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Moderate
Liver	Renal Tubule	Pigmentation	Mild
		Basophilic Focus	Minimal
		Fatty Change	Mild
Lung	Bile Duct	Hyperplasia	Moderate
Note: GRANULOMA TGLs = 2-1+2		Granuloma	Marked
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Pigmentation	Hemosiderin, Moderate
Preputial Gland		Inflammation	Chronic, Moderate
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-13			
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 148

TRT#: 4

SEX: Male

DAY ON TEST: 587

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	Moderate
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
	Renal Tubule	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Marked
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Stomach	Forestomach	Acanthosis	Minimal
Testes	Interstit Cell	Adenoma	

Note: ADENOMA TGLs = 1-6,2-6

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:49

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 149

TRT#: 4

SEX: Male

DAY ON TEST: 734

DOSE: .02 G/KG HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:49
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 150

TRT#: 4

SEX: Male

DAY ON TEST: 472

DOSE: .02 G/KG HM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	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	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Casts	Minimal
		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
Liver	Renal Tubule	Regeneration	Mild
		Basophilic Focus	Minimal
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
Note: FATTY CHANGE TGLs = 4-3			
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-8,6-8			
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Peripheral Nerve	Salivary Glands
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 3-10		
Intestine Large	Rectum	Parasite Metazoan	Marked
Liver	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 4-8		
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 2-14		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skin	Spinal Cord	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-4		
Liver		Basophilic Focus	
		Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 6-3		
Lung		Granuloma	Moderate
	Peribronchial	Inflammation	Chronic, Mild
	Mesenteric	Angiectasis	Moderate
Lymph Node	Renal	Congestion	Moderate
	Lumbar	Infiltration Cellular	Histiocyte, Mild
Note: CONGESTION	TGLs = 5-4		
Note: INFILTRAT CELL	TGLs = 4-10		
Note: ANGIECTASIS	TGLs = 2-8		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 7-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Basal Cell, Focal, Moderate
	Forestomach	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA	TGLs = 8-7			
Thyroid Gland		C Cell	Hyperplasia	Moderate
Uterus			Polyp Stromal	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3

TRT#: 2

SEX: Female

DAY ON TEST: 657

DOSE: VEHICLE FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Rectum	Intestine Small - Jejunum	Ovary	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea		

MISSING

Intestine Small - Ileum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Stomach - Glandular
Urinary Bladder			

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Adenomatous, Mild
Nose		Metaplasia	Squamous, Mild
Uterus	Cervix, Endometrium	Sarcoma Stromal	

Note: SARC STROMAL TGLs = 1-6.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4	TRT#: 2	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Peripheral Nerve

OBSERVATIONS

Adrenal Gland Note: CONGESTION TGLs = 4-8	Cortex	Congestion	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Marked
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: FIBROADENOMA TGLs = 1-10,5-10.1			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA TGLs = 6-8			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	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	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Nose

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Clitoral Gland		Abscess	Marked
Note: ABSCESS TGLs = 2-10			
Heart		Cardiomyopathy	Mild
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-15			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 6-13			
Ovary		Cyst	
Note: CYST TGLs = 4-6			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
Note: ANGIECTASIS TGLs = 7-8			
Uterus	Endometrium	Cyst	
Note: CYST TGLs = 5-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 738
DOSE: VEHICLE FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Moderate
Kidney		Mineralization	Minimal
Liver		Fatty Change	Marked
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 11-3			
Lung		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Focal, Mild
Note: PIGMENT TGLs = 6-2			
Note: LEUKEMIA MONUC TGLs = 5-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-9			
Mammary Gland		Galactocele	
Note: GALACTOCELE TGLs = 3-13			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 12-8			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 2	SEX: Female	DAY ON TEST: 738
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NECROSIS	TGLs = 9-3	Necrosis	Focal, Marked
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 741
DOSE: VEHICLE FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Esophagus	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Mild
Liver		Basophilic Focus	
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mesenteric	Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 3-8			
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 1-10			
Note: FIBROADENOMA TGLs = 2-14			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Mild
Note: ANOM HEPAT LOB TGLs = 7-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 8-8			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
		Thrombosis	
Note: THROMBUS TGLs = 5-6.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: POLYP STROMAL TGLs = 3-6,4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9

TRT#: 2

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	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	Ovary	Pancreas	Peripheral Nerve
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Abscess Inflammation	Marked Chronic, Moderate
Note: ABSCESS TGLs = 1-10			
Liver		Basophilic Focus Inflammation	Chronic, Minimal
Lung	Perivascular Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation Metaplasia	Chronic, Mild Squamous, Mild
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Cyst	
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 2

SEX: Female

DAY ON TEST: 618

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	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	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Mild
Note: LEUKEMIA MONUC TGLs = 5-3			
Note: FATTY CHANGE TGLs = 5-3			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mediastinal	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 4-13			
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Islets, Pancreatic
Peripheral Nerve
Stomach - Forestomach
Uterus

Adrenal Gland - Medulla
Intestine Small - Duodenum
Ovary
Salivary Glands
Thyroid Gland

Bone
Intestine Small - Ileum
Pancreas
Skin
Trachea

Brain
Intestine Small - Jejunum
Parathyroid Gland
Spinal Cord
Urinary Bladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow
Clitoral Gland
Heart
Intestine Large

Cecum
Colon
Rectum

Kidney
Liver

Bile Duct

Hyperplasia
Inflammation
Cardiomyopathy
Parasite Metazoan
Parasite Metazoan
Parasite Metazoan
Mineralization
Hyperplasia
Leukemia Mononuclear

Marked
Acute, Minimal
Marked
Mild
Mild
Mild
Minimal
Mild

Note: LEUKEMIA MONUC TGLs = 6-3

Lung
Lymph Node

Mandibular
Mandibular
Mandibular
Mesenteric

Leukemia Mononuclear
Angiectasis
Infiltration Cellular
Leukemia Mononuclear
Leukemia Mononuclear

Marked
Plasma Cell, Marked

Note: ANGIECTASIS TGLs = 8-9

Mammary Gland

Note: FIBROADENOMA TGLs = 1-14,2-14,3-13

Nose
Pituitary Gland

Pars Distalis
Pars Intermed

Fibroadenoma
Metaplasia
Cyst
Cyst

Multiple
Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 2 DOSE: VEHICLE FEMALE	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: HYPERPLASIA TGLs = 7-8 Spleen Note: LEUKEMIA MONUC TGLs = 5-3 Stomach Zymbal's Gland Note: CARCINOMA TGLs = 4-10	Pars Distalis Glandular	Hyperplasia Leukemia Mononuclear Mineralization Carcinoma	Focal, Mild Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney		Mineralization	Minimal
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: NEOPLASTIC NOD	TGLs = 3-3		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-8		
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skin	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Trachea	Uterus		

MISSING

Clitoral Gland	Thymus	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 3-4		
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Alveolar/Bronchiolar Adenoma	
	Peribronchial	Inflammation	Chronic, Mild
	Alveolar Epith	Metaplasia	Moderate
Lymph Node	Lumbar	Congestion	Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: CONGESTION	TGLs = 2-9		
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-14		
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 4-8	Pars Distalis	Hyperplasia	Focal, Moderate
Spleen			Leukemia Mononuclear	
Thyroid Gland		C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Ovary	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Clitoral Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Marked
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Note: NO FOCAL LESIONS IN SLIDE OR RECUT			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: FIBROADENOMA TGLs = 3-14			
Note: GALACTOCELE TGLs = 4-14,2-15,5-15			
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA TGLs = 10-8			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 6-6,7-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 607

DOSE: VEHICLE FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	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 - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Uterus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Urinary Bladder
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Lymph Node		Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-9		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 6-4		
Liver		Basophilic Focus	
		Fatty Change	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-1		
Lymph Node	Mandibular	Congestion	Moderate
	Mesenteric	Pigmentation	Hemosiderin, Mild
Note: PIGMENT	TGLs = 5-8		
Note: CONGESTION	TGLs = 2-9		
Mammary Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-10		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 7-8,8-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus		Thrombosis	
Note: THROMBUS	TGLs = 4-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Ovary	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Marked
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung	Peribronchial	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-2		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 3-8		
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus		Dilatation	Marked
		Thrombosis	
Note: THROMBUS	TGLs = 2-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 2

SEX: Female

DAY ON TEST: 609

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Liver		Fatty Change	Moderate
Lymph Node		Carcinosarcoma	Metastatic (Zymbal'S Gland)
	Mandibular	Infiltration Cellular	Plasma Cell, Marked
	Mesenteric	Infiltration Cellular	Plasma Cell, Moderate
Note: INFILTRAT CELL TGLs = 4-9			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-10			
Nose		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Note: CYST TGLs = 5-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-13+13.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19

TRT#: 2
DOSE: VEHICLE FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 682
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Parathyroid Gland	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Peripheral Nerve

OBSERVATIONS

Brain		Hemorrhage	Moderate
		Hydrocephalus	Mild
Clitoral Gland		Inflammation	Chronic, Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Note: HYPERPLASIA TGLs = 6-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Congestion	Marked
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION TGLs = 2-9			
Mammary Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 3-10			
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Mild
Ovary		Cyst	Moderate
Note: CYST TGLs = 5-6			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 2	SEX: Female	DAY ON TEST: 682
	DOSE: VEHICLE FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 623

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Jejunum
Salivary Glands
Urinary Bladder

Bone
Intestine Large - Colon
Islets, Pancreatic
Stomach - Glandular

Esophagus
Intestine Large - Rectum
Nose
Thyroid Gland

Heart
Intestine Small - Duodenum
Pancreas
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland
Bone Marrow
Brain
Clitoral Gland
Intestine Small
Kidney
Liver

Cortex
Meninges
Ileum

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Atrophy
Leukemia Mononuclear
Leukemia Mononuclear
Fatty Change
Leukemia Mononuclear

Moderate

Mild

Note: LEUKEMIA MONUC TGLs = 7-7

Note: LEUKEMIA MONUC TGLs = 15-3

Lung
Lymph Node

Mandibular
Mediastinal
Mesenteric
Pancreatic
Renal

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 9-9.1,10-9.1,11-9.1

Note: LEUKEMIA MONUC TGLs = 4-9

Note: LEUKEMIA MONUC TGLs = 8-9

Note: LEUKEMIA MONUC TGLs = 16-3

Note: LEUKEMIA MONUC TGLs = 5-2

Mammary Gland

Fibroadenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 2	SEX: Female	DAY ON TEST: 623
	DOSE: VEHICLE FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROADENOMA	TGLs = 3-13		
Ovary			Leukemia Mononuclear
Pituitary Gland		Pars Distalis	Adenoma
Note: ADENOMA	TGLs = 17-8		
Skin		Subcut Tiss	Fibroma
		Subcut Tiss	Leukemia Mononuclear
Note: FIBROMA	TGLs = 2-14		
Spleen			Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 12-3.1,13-3.1,14-3.1		
Stomach		Forestomach	Leukemia Mononuclear
Thymus			Leukemia Mononuclear
Uterus		Cervix	Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 6-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Marked
Bone Marrow		Hyperplasia	Mild
Liver		Basophilic Focus	
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: FATTY CHANGE TGLs = 3-3			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: GALACTOCELE TGLs = 1-6,4-10			
Note: FIBROADENOMA TGLs = 2-14			
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-8			
Salivary Glands	Acinus	Atrophy	Focal, Moderate
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
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	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
	Medulla	Hyperplasia	Focal, Moderate
Clitoral Gland		Inflammation	Chronic, Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
Note: CATARACT TGLs = 1-14			
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Mild
Liver		Basophilic Focus	
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-15			
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Minimal
Liver		Granuloma	Moderate
Lung	Peribronchial	Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 3-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: GALACTOCELE	TGLs = 2-10.1		
Note: FIBROADENOMA	TGLs = 1-10.1		
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Salivary Glands
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Granuloma	Mild
Lung	Peribronchial	Inflammation	Chronic, Moderate
Lymph Node	Mediastinal	Congestion	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Note: CONGESTION	TGLs = 4-2		
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: GALACTOCELE	TGLs = 2-13		
Note: FIBROADENOMA	TGLs = 2-13		
Nose		Metaplasia	Squamous, Mild
Ovary		Cyst	
		Cystadenoma	
Note: CYSTADENOMA	TGLs = 5-6		
Note: CYST	TGLs = 3-6		
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC	TGLs = 1-10		
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Marked
Thyroid Gland		Fibrosis	Mild
		Infiltration Cellular	Histiocyte, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pigmentation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	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	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 1-10			
Liver		Basophilic Focus	
		Fatty Change	Minimal
		Necrosis	Focal, Mild
Note: NECROSIS TGLs = 5-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Nose		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 6-8			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Cyst	
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-6			
Note: CYST TGLs = 4-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric
Ovary	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skin	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 2-10			
Eye		Cataract	Moderate
	Retina	Degeneration	Mild
Note: CATARACT TGLs = 1-15			
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
		Necrosis	Focal, Minimal
Note: FATTY CHANGE TGLs = 7-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 4-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-14			
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 8-8			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Transit Epithe

Papilloma

Note: PAPILLOMA TGLs = 6-9.1

Uterus

Dilatation

Marked

Note: DILATATION TGLs = 5-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 2
DOSE: VEHICLE FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 722
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Note: FATTY CHANGE	TGLs = 10-3,11-3,12-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 6-2		
Lymph Node	Mandibular	Congestion	Moderate
	Mediastinal	Congestion	Mild
	Renal	Congestion	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mesenteric	Pigmentation	Hemosiderin, Moderate
Note: CONGESTION	TGLs = 13-10		
Note: PIGMENT	TGLs = 9-8		
Note: CONGESTION	TGLs = 5-2		
Mammary Gland		Fibroadenoma	Multiple
		Hypertrophy	Mild
Note: HYPERTROPHY	TGLs = 3-10		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 2	SEX: Female	DAY ON TEST: 722
	DOSE: VEHICLE FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROADENOMA	TGLs = 4-6,1-14,2-14.1		
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 7-9		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
Note: CYST	TGLs = 15-8,16-8		
Note: HYPERPLASIA	TGLs = 14-8		
Thyroid Gland	C Cell	Adenoma	
Uterus		Dilatation	Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 2

SEX: Female

DAY ON TEST: 668

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Skin
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Spinal Cord
Thymus

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Peripheral Nerve
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Ovary
Salivary Glands
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Clitoral Gland
Kidney
Liver

Inflammation
Nephropathy
Basophilic Focus
Fatty Change
Hyperplasia

Chronic, Minimal
Minimal
Minimal
Mild

Note: HYPERPLASIA TGLs = 2-3

Lung
Lymph Node
Mammary Gland

Bile Duct
Peribronchial
Mandibular

Inflammation
Infiltration Cellular
Fibroadenoma

Chronic, Mild
Plasma Cell, Mild

Note: FIBROADENOMA TGLs = 1-14

Nose

Inflammation
Metaplasia
Adenoma

Chronic, Mild
Squamous, Mild

Pituitary Gland

Pars Distalis

Note: ADENOMA TGLs = 3-8

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Marked
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Schwannoma Malignant	
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
Note: LEUKEMIA MONUC TGLs = 4-3			
Lung		Alveolar/Bronchiolar Adenoma	
	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Ovary		Congestion	Minimal
Note: CONGESTION TGLs = 2-6			
Pancreas	Acinus	Atrophy	Moderate
	Acinus	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA TGLs = 5-8			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 2

SEX: Female

DAY ON TEST: 738

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-10		
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 2-10,3-14		
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-8		
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
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	Pancreas
Salivary Glands	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland	Peripheral Nerve
-------------------	------------------

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Marked
Bone Marrow		Hyperplasia	Moderate
Clitoral Gland		Abscess	Marked
Note: ABSCESS	TGLs = 1-10		
Heart		Cardiomyopathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Minimal
Ovary		Cyst	
Note: CYST	TGLs = 2-6		
Pituitary Gland	Pars Distalis	Cyst	
Skin		Inflammation	Chronic, Marked
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 2

SEX: Female

DAY ON TEST: 693

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Moderate
Bone Marrow		Hyperplasia	Mild
Heart	Ventricl Lft	Schwannoma Malignant	
Note: SCHWANNOMA MAL TGLs = 10-2			
Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Fatty Change	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hypertrophy	Mild
Note: HYPERTROPHY TGLs = 4-10			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA TGLs = 7-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3			
Stomach	Glandular	Mineralization	Focal, Mild
Thyroid Gland	C Cell	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 2

SEX: Female

DAY ON TEST: 693

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: VEHICLE FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Clitoral Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-14			
Heart		Cardiomyopathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 2

SEX: Female

DAY ON TEST: 643

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	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
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Clitoral Gland

OBSERVATIONS

Kidney		Casts	Moderate
Liver		Angiectasis	Focal, Moderate
		Basophilic Focus	
		Necrosis	Focal, Mild
Note: ANGIECTASIS	TGLs = 6-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Ectasia	Marked
		Fibroadenoma	Multiple
		Galactocele	
Note: ECTASIA	TGLs = 3-10		
Note: FIBROADENOMA	TGLs = 2-14+14.1,1-13+13.1		
Nose		Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Thyroid Gland	C Cell	Adenoma	
Uterus		Exudate	
Note: EXUDATE	TGLs = 4,8-6.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 671
DOSE: VEHICLE FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland Note: LEUKEMIA MONUC TGLs = 9-8	Cortex	Leukemia Mononuclear	
Brain		Pigmentation	Hemosiderin, Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 10-3			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-9			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-14			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 11-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-3			
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-2			
Uterus		Exudate	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 671

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EXUDATE TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 625

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Ovary	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic, Mild
Kidney		Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Note: ATROPHY	TGLs = 3-9.1		
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 2	SEX: Female	DAY ON TEST: 661
	DOSE: VEHICLE FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Liver		Necrosis	Focal, Mild
Lung		Granuloma	Moderate
Lymph Node	Mediastinal	Inflammation	Granulomatous, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-14		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Mild
	Perivascular	Inflammation	Chronic, Mild
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-14		
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 3-8		
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Endometrium	Hyperplasia	Moderate
		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Ovary
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Congestion	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1-14,2-15		
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 3-16		
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 4-8		
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 552
DOSE: VEHICLE FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	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	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Liver		Fatty Change	Mild
		Mixed Cell Focus	
Note: MIXED CL FOCUS TGLs = 4-3			
Lung		Congestion	Mild
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION TGLs = 3-2			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-13,2-13			
Nose		Inflammation	Chronic, Mild
Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 2

SEX: Female

DAY ON TEST: 506

DOSE: VEHICLE FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Eye	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
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Lymph Node - Mesenteric	Uterus
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OBSERVATIONS

Brain		Hydrocephalus	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
	Periductular	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 4-3		
Note: HYPERPLASIA	TGLs = 4-3		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-1		
Nose		Inflammation	Chronic, Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 710
DOSE: VEHICLE FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
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	Ovary	Pancreas
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland	Peripheral Nerve	Uterus
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-14			
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-8			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 2

SEX: Female

DAY ON TEST: 585

DOSE: VEHICLE FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Islets, Pancreatic
Skin

Bone
Intestine Large - Colon
Parathyroid Gland
Stomach - Forestomach

Brain
Intestine Large - Rectum
Pituitary Gland
Stomach - Glandular

Esophagus
Intestine Small - Duodenum
Salivary Glands
Trachea

MISSING

Mammary Gland

Pancreas

AUTO PRECLUDES DIAG.

Urinary Bladder

OBSERVATIONS

Adrenal Gland
Note: HYPERTROPHY TGLs = 9-8

Cortex

Hypertrophy

Moderate

Bone Marrow
Clitoral Gland

Leukemia Mononuclear
Leukemia Mononuclear
Cardiomyopathy

Mild

Heart
Intestine Small

Ileum
Jejunum

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

Kidney
Liver
Note: LEUKEMIA MONUC TGLs = 8-3
Lung

Hemorrhage
Leukemia Mononuclear

Focal, Moderate

Note: HEMORRHAGE TGLs = 2-1
Lymph Node

Mandibular
Mediastinal
Mesenteric
Pancreatic

Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-9
Mesentery
Note: LEUKEMIA MONUC TGLs = 6-10,11-10
Nose

Leukemia Mononuclear
Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 2	SEX: Female	DAY ON TEST: 585
	DOSE: VEHICLE FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 1-12		
Ovary		Cyst	
Note: CYST	TGLs = 7-6		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Dilatation	Moderate
		Polyp Stromal	
Note: DILATATION	TGLs = 3-6		
Note: POLYP STROMAL	TGLs = 3-6.1		

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1-14,2-15		
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 4-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus		Dilatation	Marked
		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 2

SEX: Female

DAY ON TEST: 603

DOSE: VEHICLE FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Ovary
Pancreas	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Esophagus	Parathyroid Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		
Note: FATTY CHANGE	TGLs = 6-3		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1,4-1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 8-8		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 3-8			
Eye	Conjunctiva	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 4-14			
Intestine Large	Colon	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-8			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Adenocarcinoma	
Note: ADENOCARC TGLs = 2-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 738
DOSE: VEHICLE FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1			
Lymph Node	Mandibular	Congestion	Moderate
	Mesenteric	Leukemia Mononuclear	
Note: CONGESTION TGLs = 5-9			
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA TGLs = 1-10.1			
Nose		Metaplasia	Squamous, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-8			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 4-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Ovary	Pancreas
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland Note: LEUKEMIA MONUC TGLs = 14-8	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland Note: CYST TGLs = 3-10		Cyst Inflammation	Chronic, Moderate
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Parasite Metazoan	Moderate
Kidney		Leukemia Mononuclear	
Liver Note: LEUKEMIA MONUC TGLs = 15-3,16-3	Renal Tubule	Pigmentation Fatty Change Leukemia Mononuclear	Moderate Moderate
Lung Note: LEUKEMIA MONUC TGLs = 7-1+2		Leukemia Mononuclear	
Lymph Node Note: LEUKEMIA MONUC TGLs = 9-9	Mandibular Mediastinal Mesenteric Pancreatic Renal	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 2	SEX: Female	DAY ON TEST: 741
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 6-1		
Note: LEUKEMIA MONUC	TGLs = 17-4		
Note: LEUKEMIA MONUC	TGLs = 10-8		
Mammary Gland		Fibroadenoma Galactocele	
Note: FIBROADENOMA	TGLs = 1-10		
Note: GALACTOCELE	TGLs = 2-10		
Mesentery		Fat	Necrosis Marked
Note: NECROSIS	TGLs = 11-14		
Nose			Metaplasia Squamous, Mild
Pituitary Gland		Pars Distalis	Angiectasis Moderate
Note: ANGIECTASIS	TGLs = 18-8		
Spleen			Leukemia Mononuclear Necrosis Focal, Marked
Note: LEUKEMIA MONUC	TGLs = 12-3.1		
Note: NECROSIS	TGLs = 13-3.1		
Thyroid Gland		C Cell	Adenoma
Note: ADENOMA	TGLs = 5-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 741

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	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	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Liver		Fatty Change	Mild
		Necrosis	Focal, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 2-6,1-10		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-8		
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 2

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Liver		Basophilic Focus	
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
	Alveolar Epith	Metaplasia	Moderate
Note: METAPL	TGLs = 3-1,9-1		
Lymph Node	Mesenteric	Congestion	Minimal
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Note: CONGESTION	TGLs = 6-8		
Mammary Gland		Fibroadenoma	
		Hypertrophy	Moderate
Note: HYPERTROPHY	TGLs = 2-10		
Note: FIBROADENOMA	TGLs = 1-6		
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 5-9		
Nose		Metaplasia	Squamous, Mild
Ovary		Cyst	
Note: CYST	TGLs = 4-6		
Pancreas		Inflammation	Chronic, Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 2	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST	TGLs = 7-8	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 8-8			
Spleen			Hematopoietic Cell Proliferation	Mild
Thyroid Gland		C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 51	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-3+4		
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA	TGLs = 2-6		
Note: GALACTOCELE	TGLs = 1-5		
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 4-2		
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 52	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
[Nephropathy TGLS = 3-1]			
Liver		Basophilic Focus	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Note: PIGMENT	TGLs = 2-3		
Stomach	Forestomach	Acanthosis	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 5

SEX: Female

DAY ON TEST: 396

DOSE: .08 G/KG LF

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

OBSERVATIONS

Adrenal Gland

Cortex
Cortex

Atrophy
Carcinoma

Marked

Note: CARCINOMA TGLs = 2-7.1

Heart
Kidney

Cardiomyopathy
Mineralization
Nephropathy
Carcinoma

Mild
Minimal
Minimal

Liver

Note: CARCINOMA TGLs = 3-3+3.1

Lung

Note: CARCINOMA TGLs = 1-1+1.1+2

Carcinoma

Metastatic (Adrenal Gland)
Metastatic (Adrenal Gland)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 54	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 55

TRT#: 5

SEX: Female

DAY ON TEST: 631

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	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	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-4		
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 7-3,8-3,10-3		
Lymph Node	Mandibular	Congestion	Mild
Note: CONGESTION	TGLs = 3-9		
Nose		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 9-8		
Spleen		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 56	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 3-1]			
Lung		Congestion	Mild
[Congestion TGLS = 2-3+4]			
Lymph Node	Renal	Congestion	Moderate
[Congestion TGLS = 4-2]			
Mammary Gland		Fibroadenoma	
		Galactocele	
[Fibroadenoma TGLS = 1-5]			
[Galactocele TGLS = 1-5]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: CYST TGLs = 6-2			
[Adenoma TGLS = 5-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 57	TRT#: 5	SEX: Female	DAY ON TEST: 668
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB	TGLs = 7-4		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-3+4		
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: GALACTOCELE	TGLs = 2-6+6.1		
Note: FIBROADENOMA	TGLs = 2-6		
Ovary		Cyst	
Note: CYST	TGLs = 4-5		
Pituitary Gland		Pars Distalis	
Note: ADENOMA	TGLs = 8-2	Adenoma	
Skin		Subcut Tiss	
Note: ABSCESS	TGLs = 1-7	Abscess	Marked
Thyroid Gland		C Cell	
Uterus		Hyperplasia	Minimal
Note: DILATATION	TGLs = 5-5,6-5	Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 58

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: .08 G/KG LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Pituitary Gland

Thyroid Gland

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Mild

Liver

Hepatodiaphragmatic Nodule

Note: ANOM HEPAT LOB TGLs = 2-3

Mammary Gland

Fibroadenoma

Galactocele

Note: FIBROADENOMA TGLs = 1-4

[Fibroadenoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 59	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Moderate
Mammary Gland		Galactoceles	
Note: GALACTOCELE	TGLs = 2-3		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-2		
Thyroid Gland	C Cell	Hyperplasia	Moderate
Tongue		Squamous Cell Papilloma	
Note: PAPILOMA SQUA	TGLs = 1-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 60

TRT#: 5

SEX: Female

DAY ON TEST: 722

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Heart Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-6

Kidney Leukemia Mononuclear

Nephropathy Minimal

Note: LEUKEMIA MONUC TGLs = 5-1

Liver Fatty Change Minimal

Bile Duct Hyperplasia Mild

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 6-3

Lung Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-4+5

Pancreas Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 7-2

Pituitary Gland Pars Distalis Cyst

Note: CYST TGLs = 8-2

Spleen Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-3

Thymus Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 5

SEX: Female

DAY ON TEST: 548

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	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
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Inguinal	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: GALACTOCELE	TGLs = 3-10		
Note: FIBROADENOMA	TGLs = 2-10		
Pancreas			
Note: NO CAUSE PALE PANCREAS			
Pituitary Gland	Pars Distalis	Cyst	
Skin		Keratoacanthoma	
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 4-3		
Stomach			
Note: NO CAUSE BROWN FORESTOMACH			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 5

SEX: Female

DAY ON TEST: 548

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 62	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Dilatation	Moderate

Note: DILATATION TGLs = 1-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 63	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Eye	Retina	Degeneration	Moderate
	Postr Chamber	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 1-5		
Harderian Gland		Inflammation	Chronic, Focal, Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Lung		Granuloma	Marked
Note: GRANULOMA	TGLs = 3-3+4		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-6		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
Uterus		Dilatation	Marked
Note: DILATATION	TGLs = 4-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 64	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Clitoral Gland			Carcinoma	
Note: CARCINOMA	TGLs = 1-3+3.1,2-3+3.1			
Kidney			Nephropathy	Minimal
Pituitary Gland		Pars Distalis	Hyperplasia	Focal, Moderate
Note: HYPERPLASIA	TGLs = 3-2			
Thyroid Gland		C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 65	TRT#: 5	SEX: Female	DAY ON TEST: 693
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Cytoplasmic Alteration	Mild
Note: CYTOPLAS ALTER	TGLs = 2-3		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-4+4.1		
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 66	TRT#: 5 DOSE: .08 G/KG LF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Parathyroid Gland	Pituitary Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 2-2	Bilateral, Medulla	Pheochromocytoma Benign	
Kidney		Mineralization Nephropathy	Minimal Mild
Lung Note: CONGESTION TGLs = 1-3+4	Peribronchial	Congestion Inflammation	Minimal Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 67	TRT#: 5	SEX: Female	DAY ON TEST: 660
	DOSE: .08 G/KG LF	DISP: Accident	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Pancreas	Parathyroid Gland	Skeletal Muscle
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OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 5-6	Medulla	Pheochromocytoma Malignant	
Islets, Pancreatic Note: CARCINOMA TGLs = 4-5		Carcinoma	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB TGLs = 7-6			
Lung		Congestion	Moderate
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION TGLs = 2-3+4			
Lymph Node	Mesenteric	Pigmentation	Hemosiderin, Mild
Note: PIGMENT TGLs = 6-2			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 68	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
Lung		Congestion	Mild
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION TGLs = 1-3+4			
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA TGLs = 2-5			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Uterus		Dilatation	Moderate
Note: DILATATION TGLs = 3-4			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 69	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB	TGLs = 5-4		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 4-3+4		
Lymph Node	Mediastinal	Congestion	Mild
Note: CONGESTION	TGLs = 3-2		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-5+5.1		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 70	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 1-3+4		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Uterus		Thrombosis	
Note: THROMBUS	TGLs = 2-5		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 71	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Minimal
		Granuloma	Moderate
Note: GRANULOMA	TGLs = 1-3		
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 2-2		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 72

TRT#: 5

SEX: Female

DAY ON TEST: 631

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Kidney		Mineralization	Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Mild
		Granuloma	Mild
		Leukemia Mononuclear	
Lung		Congestion	Mild
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION	TGLs = 1-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 73	TRT#: 5	SEX: Female	DAY ON TEST: 722
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Eye	Lens	Mineralization	Focal, Mild
Note: MINERALIZATION TGLs = 1-4			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Marked
Note: FATTY CHANGE TGLs = 4-3			
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA TGLs = 2-5+5.1			
Note: GALACTOCELE TGLs = 2-5+5.1			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-2			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 74	TRT#: 5	SEX: Female	DAY ON TEST: 661
	DOSE: .08 G/KG LF	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Basophilic Focus	
		Fatty Change	Mild
		Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 3-3		
Mesentery		Hemorrhage	Moderate
	Fat	Necrosis	Marked
Note: HEMORRHAGE	TGLs = 2-4		
Note: NECROSIS	TGLs = 2-4.1		
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 75	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Parathyroid Gland

Pituitary Gland

Thyroid Gland

OBSERVATIONS

Adrenal Gland

Cortex

Cytoplasmic Alteration

Focal, Mild

Note: CYTOPLAS ALTER TGLs = 2-2

Kidney

Nephropathy

Mild

Lung

Congestion

Mild

Infiltration Cellular

Histiocyte, Marked

Peribronchial

Inflammation

Chronic, Mild

Alveolar Epith

Metaplasia

Moderate

Note: CONGESTION TGLs = 1-3+4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 76	TRT#: 5	SEX: Female	DAY ON TEST: 732
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Adrenal Gland

Medulla

Inflammation

Focal, Moderate

Note: INFLAMMATION TGLs = 4-2

Kidney

Nephropathy

Mild

Lung

Peribronchial

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 1-4

Ovary

Cyst

Note: CYST TGLs = 3-5

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Cyst

Note: ADENOMA TGLs = 5-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: .08 G/KG LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye Parathyroid Gland

OBSERVATIONS

Kidney Mineralization Minimal

Renal Tubule Regeneration Minimal

Liver Basophilic Focus Hemorrhage Focal, Mild

Bile Duct Hyperplasia Mild

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-3

Mammary Gland Fibroadenoma

Note: FIBROADENOMA TGLs = 1-5+5.1

Pituitary Gland Pars Distalis Cyst

Spleen Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-3

Thyroid Gland C Cell Adenoma

Follicular Cel Adenoma

Uterus Dilatation Moderate

Note: DILATATION TGLs = 7-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 78	TRT#: 5	SEX: Female	DAY ON TEST: 664
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-2		
Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Minimal
[Nephropathy TGLS = 9-1]			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10-6		
Lung		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 3-4		
Lymph Node	Pancreatic	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Note: LEUKEMIA MONUC	TGLs = 7-6		
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 5-7		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 11-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-5		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 79	TRT#: 5	SEX: Female	DAY ON TEST: 647
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Kidney	Nephropathy	Mild
Liver	Basophilic Focus	
	Leukemia Mononuclear	

Note: LEUKEMIA MONUC TGLs = 1-3

Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Monocytic	
Stomach	Forestomach	Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 80 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 616
DOSE: .08 G/KG LF **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

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

OBSERVATIONS

Brain		Hydrocephalus	Moderate
Intestine Large	Cecum	Parasite Metazoan	Moderate
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung	Alveolus	Atypia Cellular	Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Mesentery	Fat	Inflammation	Moderate
Note: INFLAMMATION TGLs = 3-10			
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-8			
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 81

TRT#: 5

SEX: Female

DAY ON TEST: 660

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Kidney

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-1

Liver

Fatty Change

Minimal

Bile Duct

Hyperplasia

Mild

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 9-5

Lung

Leukemia Mononuclear

Lymph Node

Mediastinal

Leukemia Mononuclear

Mesenteric

Leukemia Mononuclear

Pancreatic

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 8-2

Note: LEUKEMIA MONUC TGLs = 10-7

Ovary

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-3

Pituitary Gland

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Necrosis

Focal, Marked

Note: LEUKEMIA MONUC TGLs = 11-6

Thymus

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-4

Uterus

Cervix

Hypertrophy

Marked

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 6-3,7-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 82

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: .08 G/KG LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Kidney

Nephropathy

Mild

Pituitary Gland

Pars Distalis

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 83	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-3+4		
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-2.1		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 84	TRT#: 5	SEX: Female	DAY ON TEST: 660
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 4-4+5		
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
Spleen		Pigmentation	Hemosiderin, Mild
Note: PIGMENT	TGLs = 3-2		
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder	Transit Epithe	Hyperplasia	Squamous, Mild
		Hyperplasia	Marked
		Inflammation	Chronic, Moderate
Note: HYPERPLASIA	TGLs = 2-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 85	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Harderian Gland		Inflammation	Chronic, Focal, Mild
Kidney		Mineralization	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-2.1		
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Polyp Stromal	
		Thrombosis	
Note: POLYP STROMAL	TGLs = 3-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 86

TRT#: 5

SEX: Female

DAY ON TEST: 734

DOSE: .08 G/KG LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Moderate
Lung		Hemorrhage	Focal, Moderate
Note: HEMORRHAGE	TGLs = 2-3		
Pituitary Gland		Pars Distalis	Adenoma
Note: ADENOMA	TGLs = 3-2		
Skin		Subcut Tiss	Fibroma
Note: FIBROMA	TGLs = 1-2		
Thyroid Gland		C Cell	Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 87	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Lung		Congestion	Mild
[Congestion TGLS = 4-3]			
Lymph Node	Mediastinal	Pigmentation	Moderate
	Renal	Pigmentation	Moderate
[Pigmentation TGLS = 3-3]			
[Pigmentation TGLS = 10-2]			
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: GALACTOCELE	TGLs = 1-5,2-5		
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 5-7		
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-2]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 9-2]			
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 6-4,7-4,8-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 88	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Cyst	Marked
		Neoplastic Nodule	
Note: CYST	TGLs = 3-3		
[Cyst TGLS = 5-2,6-3]			
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-4,2-5		
Note: GALACTOCELE	TGLs = 1-4,2-5		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 89	TRT#: 5	SEX: Female	DAY ON TEST: 733
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Granuloma	Moderate
		Neoplastic Nodule	
Note: GRANULOMA	TGLs = 3-3,4-4		
Mammary Gland		Galactocele	
Note: GALACTOCELE	TGLs = 1-2		
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
Note: CYST	TGLs = 2-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 90	TRT#: 5	SEX: Female	DAY ON TEST: 672
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-6,9-6		
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-4,2-5+5.1		
Note: GALACTOCELE	TGLs = 1-4,2-5+5.1		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-2		
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 5-3,6-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 91	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland	Uterus
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OBSERVATIONS

Eye	Lens	Mineralization	Focal, Mild
Note: MINERALIZATION	TGLs = 1-6		
Kidney		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
Note: LEUKEMIA MONUC	TGLs = 5-4		
Note: HEPATOCLR CARC	TGLs = 8-4		
Lung		Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 3-3		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-2,7-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 5

SEX: Female

DAY ON TEST: 566

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland Note: CONGESTION TGLs = 6-8	Cortex	Congestion	Mild
Kidney Note: NEPHROPATHY TGLs = 7-4		Nephropathy	Mild
Liver Note: ANOM HEPAT LOB TGLs = 11-6 Note: LEUKEMIA MONUC TGLs = 10-3		Fatty Change Hepatodiaphragmatic Nodule Leukemia Mononuclear	Mild
Lung Note: LEUKEMIA MONUC TGLs = 3-1		Leukemia Mononuclear	
Lymph Node Note: LEUKEMIA MONUC TGLs = 8-9	Mandibular Mesenteric	Leukemia Mononuclear Leukemia Mononuclear	
Mesentery Note: ACCESSORY SPLN TGLs = 5-3		Accessory Spleen	
Pituitary Gland Note: HYPERPLASIA TGLs = 12-8	Pars Distalis	Hyperplasia	Focal, Moderate
Spleen Note: LEUKEMIA MONUC TGLs = 4-3		Leukemia Mononuclear	
Uterus		Inflammation	Acute, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 93

TRT#: 5

SEX: Female

DAY ON TEST: 503

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mesenteric	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Esophagus	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Liver		Basophilic Focus	
		Fatty Change	Minimal
Note: FATTY CHANGE	TGLs = 4-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-13		
Nose		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2+5+6-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 94	TRT#: 5	SEX: Female	DAY ON TEST: 734
	DOSE: .08 G/KG LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Granuloma	Mild
Note: GRANULOMA	TGLs = 2-3		
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Note: PIGMENT	TGLs = 1-2		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 5

SEX: Female

DAY ON TEST: 582

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-8		
Note: LEUKEMIA MONUC	TGLs = 6-8		
Brain		Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 10-5,11-5		
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Mild
Note: LEUKEMIA MONUC	TGLs = 7-4,8-4		
Liver		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
Note: LEUKEMIA MONUC	TGLs = 9-3		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 5

SEX: Female

DAY ON TEST: 582

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Glandular

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 96	TRT#: 5	SEX: Female	DAY ON TEST: 700
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-3		
Note: GALACTOCELE	TGLs = 1-3		
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 2-2		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 97	TRT#: 5	SEX: Female	DAY ON TEST: 647
	DOSE: .08 G/KG LF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Parathyroid Gland

Thyroid Gland

Uterus

OBSERVATIONS

Kidney

Nephropathy

Mild

Liver

Fatty Change

Mild

Hepatodiaphragmatic Nodule

Note: ANOM HEPAT LOB TGLs = 7-3

Note: FATTY CHANGE TGLs = 8-3

Lymph Node

Mandibular

Congestion

Mild

Mandibular

Infiltration Cellular

Plasma Cell, Marked

Note: CONGESTION TGLs = 5-2

Mammary Gland

Adenocarcinoma

Fibroadenoma

Multiple

Galactocele

Note: ADENOCARC TGLs = 2-4

Note: FIBROADENOMA TGLs = 3-5,4-5

Note: GALACTOCELE TGLs = 3-5,4-5

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Hyperplasia

Focal, Moderate

Note: ADENOMA TGLs = 9-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 98 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 595
DOSE: .08 G/KG LF **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	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
Ovary	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-13			
Nose		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 99

TRT#: 5

SEX: Female

DAY ON TEST: 612

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	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	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Necrosis	Focal, Minimal
Lung		Congestion	Mild
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION TGLs = 7-1+2			
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA TGLs = 4-13			
Note: GALACTOCELE TGLs = 2-6			
Ovary		Congestion	Mild
Note: CONGESTION TGLs = 6-6			
Pancreas		Inflammation	Chronic, Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-13			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 99

TRT#: 5

SEX: Female

DAY ON TEST: 612

DOSE: .08 G/KG LF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 100

TRT#: 5

SEX: Female

DAY ON TEST: 734

DOSE: .08 G/KG LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Clitoral Gland

Parathyroid Gland

Thyroid Gland

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Ovary

Cyst

Note: CYST TGLs = 2-3

Pituitary Gland

Pars Distalis

Cyst

Note: CYST TGLs = 4-2

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 3-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 101

TRT#: 6

SEX: Female

DAY ON TEST: 626

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 2-4		
Liver		Basophilic Focus	
		Fatty Change	Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Lung		Leukemia Mononuclear	
Lymph Node		Infiltration Cellular	Plasma Cell, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-9		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland		Adenoma	
Note: ADENOMA	TGLs = 5-8		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-3		
Thymus		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102

TRT#: 6

SEX: Female

DAY ON TEST: 706

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skin	Spinal Cord	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Bone Marrow		Hyperplasia	Mild
Intestine Large	Rectum	Parasite Metazoan	Marked
Kidney	Renal Tubule	Pigmentation	Minimal
Note: PIGMENT TGLs = 5-4			
Liver		Fatty Change	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3			
Lung		Leukemia Mononuclear	
	Alveolar Epith	Metaplasia	Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-10.1			
Nose		Metaplasia	Squamous, Mild
Ovary		Cyst	
Note: CYST TGLs = 4-6			
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 7-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 102	TRT#: 6	SEX: Female	DAY ON TEST: 706
	DOSE: .16 G/KG HF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Inflammation	Chronic Active, Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 103

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Moderate
Clitoral Gland		Abscess	Marked
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC			
TGLs = 6-3			
Note: ANOM HEPAT LOB			
TGLs = 7-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION			
TGLs = 3-1,4-1			
Lymph Node	Renal	Congestion	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mesenteric	Pigmentation	Hemosiderin, Moderate
Note: PIGMENT			
TGLs = 8-8			
Note: CONGESTION			
TGLs = 9-6			
Mammary Gland		Fibroadenoma	
		Galactocele	Moderate
Note: FIBROADENOMA			
TGLs = 1-10.1			
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Cyst

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-3

Thyroid Gland

Follicular Cel

Carcinoma

Note: CARCINOMA TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 104

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 5-4		
Liver		Basophilic Focus	
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 4-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-14,7-6		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-7		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 105

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Peripheral Nerve
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Forestomach
Uterus

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skin
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Spinal Cord
Trachea

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Heart
Kidney
Liver
Lung
Note: INFLAMMATION TGLs = 1-1
Nose
Pituitary Gland
Note: ADENOMA TGLs = 2-8
Thyroid Gland

Bile Duct
Peribronchial
Pars Distalis
C Cell

Cardiomyopathy
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation
Inflammation
Metaplasia
Adenoma
Hyperplasia

Minimal
Mild
Minimal
Chronic, Mild
Chronic, Moderate
Squamous, Moderate
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Ovary	Peripheral Nerve	Pituitary Gland
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Cardiomyopathy	Moderate
	Artery	Inflammation	Chronic, Focal, Marked
Intestine Large	Rectum	Parasite Metazoan	Marked
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-4		
Liver		Basophilic Focus	
		Fatty Change	Minimal
		Necrosis	Focal, Minimal
Note: BASOPH FOCUS	TGLs = 7-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Renal	Congestion	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: CONGESTION	TGLs = 6-6		
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-14,2-14		
Nose		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 106

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Metaplasia	Squamous, Moderate
	Artery	Hyperplasia	Focal, Marked
		Inflammation	Marked
Spleen		Congestion	Mild
Note: CONGESTION	TGLs = 4-3		
Uterus		Dilatation	Moderate
Note: DILATATION	TGLs = 3-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 107

TRT#: 6

SEX: Female

DAY ON TEST: 581

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Tissue NOS	Trachea	Urinary Bladder	Uterus

MISSING

Adrenal Gland - Medulla	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Kidney Note: NEPHROPATHY TGLs = 3-4		Nephropathy	Mild
Liver Note: BASOPH FOCUS TGLs = 4-3 Note: ANOM HEPAT LOB TGLs = 5-3		Basophilic Focus Fatty Change Hepatodiaphragmatic Nodule Necrosis	Minimal Focal, Minimal
Lung Note: CONGESTION TGLs = 2-1		Congestion	Mild
Mammary Gland Note: FIBROADENOMA TGLs = 1-13		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 108 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 575
DOSE: .16 G/KG HF **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Esophagus	Intestine Small - Ileum
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-4		
Liver		Fatty Change	Mild
Lung		Congestion	Mild
	Peribronchial	Inflammation	Chronic, Mild
Note: CONGESTION	TGLs = 1-1		
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 4-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 109

TRT#: 6

SEX: Female

DAY ON TEST: 630

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Lung		Granuloma	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 5-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3.1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 110 TRT#: 6 SEX: Female DAY ON TEST: 628
DOSE: .16 G/KG HF DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Uterus			

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Urinary Bladder		

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-9			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 4-8			
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 2-3			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 6

SEX: Female

DAY ON TEST: 630

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Ovary	Pancreas
Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	Moderate
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Fibrosarcoma	Metastatic (Skin)
Note: FIBROSARC	TGLs = 3-1+2		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-13		
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Moderate
Pharynx	Palate	Squamous Cell Papilloma	
Pituitary Gland	Pars Distalis	Cyst	
Salivary Glands		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-13		
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Small - Duodenum
Lung
Parathyroid Gland
Spinal Cord
Thymus

Bone
Esophagus
Intestine Small - Ileum
Lymph Node - Mesenteric
Peripheral Nerve
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Ovary
Salivary Glands
Stomach - Forestomach
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	Marked
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Intermed	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Focal, Moderate
Note: ANGIECTASIS	TGLs = 1-8		
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Spinal Cord	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

MISSING

Skin

OBSERVATIONS

Bone Marrow		Hyperplasia	Marked
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung	Peribronchial	Inflammation	Chronic, Mild
	Alveolar Epith	Metaplasia	Moderate
Note: METAPL	TGLs = 3-1		
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5-8		
Note: TISSUE SUBMITTED AS RENAL LYMPH NODE IS LIVER			
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA	TGLs = 1-15		
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 113

TRT#: 6
DOSE: .16 G/KG HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST Spleen Note: LEUKEMIA MONUC Stomach Note: INFLAMMATION Thyroid Gland Uterus Note: THROMBUS	TGLs = 7-8 TGLs = 2-3 TGLs = 8-7 TGLs = 4-6	Pars Distalis Glandular Follicle -	Hyperplasia Leukemia Mononuclear Inflammation Cyst Dilatation Thrombosis	Focal, Moderate Chronic, Focal, Mild Moderate
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 114

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Esophagus	Intestine Large - Rectum
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OBSERVATIONS

Adrenal Gland Note: ADENOMA TGLs = 6-8	Cortex	Adenoma	
Heart	Atrium Rgt	Cardiomyopathy	Mild
Kidney		Thrombosis	
Liver		Mineralization	Mild
		Nephropathy	Minimal
Lung		Basophilic Focus	Mild
		Necrosis	Focal, Minimal
Note: HEMORRHAGE TGLs = 2-1	Artery	Hemorrhage	Focal, Moderate
Lymph Node	Mandibular	Thrombosis	
	Mesenteric	Angiectasis	Mild
Note: HYPERPLASIA TGLs = 4-8	Mandibular	Hyperplasia	Lymphoid, Mild
Mammary Gland		Infiltration Cellular	Plasma Cell, Mild
Note: FIBROADENOMA TGLs = 1-14		Fibroadenoma	
Nose		Inflammation	Chronic, Mild
Ovary		Metaplasia	Squamous, Mild
Note: CYST TGLs = 3-6		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 114

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA

TGLs = 5-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 115

TRT#: 6

SEX: Female

DAY ON TEST: 450

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	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	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Casts	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
		Fatty Change	Moderate
Liver			
Note: FATTY CHANGE	TGLs = 3-3		
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-10,2-10		
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 116

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Congestion	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: GALACTOCELE	TGLs = 1-14		
Note: FIBROADENOMA	TGLs = 2-15,3-16		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: ADENOMA	TGLs = 4-8		
Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 117

TRT#: 6

SEX: Female

DAY ON TEST: 692

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Neoplastic Nodule	
Note: HYPERPLASIA TGLs = 4-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-10			
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 5-8.1			
Uterus		Dilatation	Marked
		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 118 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: .16 G/KG HF **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Brain		Infarct	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Granuloma	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Ectasia	Mild
		Fibroadenoma	
Note: ECTASIA TGLs = 2-10			
Note: FIBROADENOMA TGLs = 1-13			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 119

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skin	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Kidney	Renal Tubule	Cyst	
		Mineralization	Mild
		Nephropathy	Mild
Liver		Fatty Change	Mild
		Necrosis	Focal, Moderate
Lung	Peribronchial	Inflammation	Chronic, Mild
	Alveolar Epith	Metaplasia	Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-14		
Nose		Inflammation	Chronic, Minimal
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-8		
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Spinal Cord	Stomach - Fore stomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Eye	Vitreous	Degeneration	Marked
		Retinal Detachment	Marked
Note: DEGEN	TGLs = 2-15		
Heart		Cardiomyopathy	Minimal
Intestine Large	Cecum	Parasite Metazoan	Marked
	Rectum	Parasite Metazoan	Marked
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Angiectasis	Marked
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Note: ANGIECTASIS	TGLs = 3-9		
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-14		
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 120

TRT#: 6
DOSE: .16 G/KG HF

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 736
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma
Ultimobranchial Cyst
Inflammation
Polyp Stromal

Marked
Chronic, Marked

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 121

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	Moderate
Kidney		Mineralization	Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Fatty Change	Moderate
		Hyperplasia	Mild
		Necrosis	Focal, Moderate
Lymph Node	Pancreatic	Congestion	Mild
	Renal	Granuloma	Marked
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
	Mesenteric	Pigmentation	Mild
Note: PIGMENT TGLs = 5-8			
Note: GRANULOMA TGLs = 6-4			
Note: CONGESTION TGLs = 4-14			
Mammary Gland		Ectasia	Mild
		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA TGLs = 1-15			
Note: ECTASIA TGLs = 2-10			
Mesentery	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 121	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: .16 G/KG HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NECROSIS	TGLs = 3-16		
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland		Cyst	
Note: CYST	TGLs = 7-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Marked
	Rectum	Parasite Metazoan	Moderate
Kidney	Renal Tubule	Cyst	
		Nephropathy	Moderate
Note: CYST TGLs = 4-4			
Note: NEPHROPATHY TGLs = 3-4,5-4			
Liver		Granuloma	Moderate
Note: GRANULOMA TGLs = 6-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Spleen		Pigmentation	Hemosiderin, Mild
Uterus		Thrombosis	
Note: THROMBUS TGLs = 7-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 122

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	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
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Lung		Granuloma	Mild
	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Adenocarcinoma	
	Endometrium	Hyperplasia	Marked
Note: HYPERPLASIA	TGLs = 2-6,3-6		
Note: ADENOCARC	TGLs = 1-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 124

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Ovary
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Mandibular	Parathyroid Gland	Peripheral Nerve
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OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Ovary
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skin	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Islets, Pancreatic

INSUFFICIENT TISSUE

Pancreas

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Clitoral Gland		Inflammation	Acute, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung	Peribronchial	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: MEDIASTINAL LYMPH NODE MISSING			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-10			
Nose		Metaplasia	Squamous, Mild
Spleen		Leukemia Mononuclear	
Uterus	Endometrium	Cyst	
Note: CYST TGLs = 3-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
	Alveolar Epith	Metaplasia	Mild
Note: METAPL TGLs = 1-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Metaplasia	Squamous, Mild
Ovary		Cyst	
Note: CYST TGLs = 2-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Uterus		Leiomyoma	
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-6.1,4-6.2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 127

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ECTASIA	TGLs = 3-10			
Nose			Metaplasia	Squamous, Mild
Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 11-8			
Stomach		Forestomach	Acanthosis	Mild
Thyroid Gland		C Cell	Adenoma	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 128

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Adrenal Gland - Medulla	Skin
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OBSERVATIONS

Kidney		Nephropathy	Moderate
Liver		Granuloma	Minimal
Lung		Granuloma	Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Note: MEDIASTINAL LYMPH NODE MISSING			
Mammary Gland		Ectasia	Marked
		Fibroadenoma	
		Galactocele	
Note: ECTASIA TGLs = 6-10			
Note: FIBROADENOMA TGLs = 2-13			
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Intermed	Angiectasis	Marked
	Pars Distalis	Cyst	
Note: ANGIECTASIS TGLs = 5-8			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 6

SEX: Female

DAY ON TEST: 643

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 7-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Stomach	Forestomach	Mineralization	Focal, Mild
	Glandular	Mineralization	Focal, Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 6

SEX: Female

DAY ON TEST: 406

DOSE: .16 G/KG HF

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Lymph Node - Mandibular
Pancreas
Stomach - Glandular
Uterus

Adrenal Gland - Medulla
Heart
Lymph Node - Mesenteric
Salivary Glands
Thymus

Bone
Islets, Pancreatic
Nose
Skin
Thyroid Gland

Bone Marrow
Kidney
Ovary
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

Parathyroid Gland

Pituitary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Ileum

Intestine Large - Colon
Intestine Small - Jejunum

Intestine Large - Rectum
Urinary Bladder

Intestine Small - Duodenum

OBSERVATIONS

Brain

Note: HEMORRHAGE TGLs = 2-5
Clitoral Gland
Liver
Lung

Note: HEMORRHAGE TGLs = 1-2
Spleen

Periductular

Peribronchial

Congestion
Hemorrhage

Inflammation
Inflammation
Congestion
Hemorrhage
Inflammation

Pigmentation

Mild
Mild

Chronic, Mild
Chronic, Mild
Moderate
Focal, Moderate
Chronic, Mild

Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 6

SEX: Female

DAY ON TEST: 727

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Moderate
Bone Marrow		Hyperplasia	Moderate
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Marked
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Lung	Peribronchial	Alveolar/Bronchiolar Adenoma Inflammation	Chronic, Mild
Note: ALV BRON ADEN TGLs = 5-1			
Lymph Node	Pancreatic Mandibular	Angiectasis Infiltration Cellular	Marked Plasma Cell, Moderate
Note: ANGIECTASIS TGLs = 10-14			
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 2-15,3-16,4-17			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 7-18			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 11-8			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 6-3			
Stomach	Glandular	Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 131

TRT#: 6

SEX: Female

DAY ON TEST: 727

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SARCOMA TGLs = 8-7.1

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 132

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum	Parasite Metazoan	Mild
	Rectum	Parasite Metazoan	Marked
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-3			
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 133 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: .16 G/KG HF **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Mild
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA	TGLs = 3-17		
Note: GALACTOCELE	TGLs = 1-15,2-16,3-17		
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 5-14		
Nose		Metaplasia	Squamous, Mild
Ovary		Congestion	Mild
Note: CONGESTION	TGLs = 4-6		
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Note: ANGIECTASIS	TGLs = 6-8,7-8		
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 134

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland Note: ACC ADR COR ND TGLs = 3-8	Cortex	Accessory Adrenal Cortical Nodule	
Brain Note: ASTROCYTO MAL TGLs = 4-5.1		Astrocytoma Malignant	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Inflammation	Chronic, Moderate
		Metaplasia	Squamous, Mild
Pituitary Gland Note: ADENOMA TGLs = 5-8	Pars Distalis	Adenoma	
Thyroid Gland Note: CARCINOMA TGLs = 2-8	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 135

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Mild
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
	Peribronchial	Inflammation	Chronic, Mild
Note: ALV BRON CARC TGLs = 2-2.1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Marked
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-14			
Nose		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ADENOMA TGLs = 4-8			
Spleen		Leukemia Mononuclear	
Uterus		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 135

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ABSCESS TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

INSUFFICIENT TISSUE

Adrenal Gland - Medulla

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Granuloma	Moderate
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Granuloma	Mild
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
		Inflammation	Chronic, Mild
		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
Note: CYST	TGLs = 1-8		
Thyroid Gland	C Cell	Hyperplasia	Marked
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 137	TRT#: 6	SEX: Female	DAY ON TEST: 588
	DOSE: .16 G/KG HF	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Clitoral Gland	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 7-4		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-9		
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3.1		
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 138

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular	Peripheral Nerve
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OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Galactocele	Marked
Note: FIBROADENOMA TGLs = 1-14			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 3-15			
Nose		Metaplasia	Squamous, Mild
Ovary		Congestion	Mild
Note: CONGESTION TGLs = 2-6			
Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 139

TRT#: 6

SEX: Female

DAY ON TEST: 465

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Adrenal Gland - Medulla	Lymph Node - Mandibular
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Casts	Marked
		Inflammation	Chronic, Moderate
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-4		
Liver		Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
		Necrosis	Focal, Mild
Note: ANOM HEPAT LOB	TGLs = 5-3		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-14		
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Hyperkeratosis	Moderate
	Forestomach	Inflammation	Chronic Active, Mild
	Lumen	Thrombosis	
Note: HYPERKERATOSIS	TGLs = 9-7		
Note: THROMBUS	TGLs = 10-13		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 139

TRT#: 6

SEX: Female

DAY ON TEST: 465

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 140

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Peripheral Nerve

OBSERVATIONS

Clitoral Gland		Adenoma	
		Hemorrhage	Marked
Note: ADENOMA	TGLs = 3-10.1		
Eye		Cataract	Minimal
Note: CATARACT	TGLs = 1-14		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Congestion	Moderate
	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 4-10		
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 141

TRT#: 6

SEX: Female

DAY ON TEST: 581

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Kidney	Renal Tubule	Nephropathy Pigmentation	Minimal Mild
Note: NEPHROPATHY	TGLs = 6-4		
Liver		Fatty Change	Moderate
Note: FATTY CHANGE	TGLs = 5-3		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-1		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-13+13.1		
Nose		Inflammation	Chronic, Minimal
Ovary		Cyst	
Note: CYST	TGLs = 2-6		
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Congestion Hematopoietic Cell Proliferation	Mild Mild
Note: CONGESTION	TGLs = 4-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:50

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skin	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA IS ADHERANT TO NORMAL CLITORAL GLAND			
Note: FIBROADENOMA TGLs = 1-14			
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 4-8			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicle	Cyst	
Uterus	Endometrium	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 2-6			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 143

TRT#: 6

SEX: Female

DAY ON TEST: 645

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Peripheral Nerve

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-4		
Liver		Fatty Change	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Note: FATTY CHANGE	TGLs = 8-3		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-1		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Salivary Glands	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland Note: CYTOPLAS ALTER TGLs = 7-8	Cortex	Cytoplasmic Alteration	Focal, Mild
Bone Note: HYPEROSTOSIS TGLs = 9-13	Cranium	Hyperostosis	Marked
Clitoral Gland Note: HYPERTROPHY TGLs = 4-10		Hypertrophy	Moderate
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung		Leukemia Mononuclear	
Lymph Node Note: LEUKEMIA MONUC TGLs = 6-9	Mandibular Mesenteric Pancreatic	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Mammary Gland Note: FIBROADENOMA TGLs = 1-15,2-15 Note: ECTASIA TGLs = 3-10		Ectasia Fibroadenoma Inflammation	Moderate Subacute, Focal, Marked
Nose		Metaplasia	Squamous, Mild
Pituitary Gland Note: CYST TGLs = 8-8	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 5-3

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 145

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 2-10		
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 4-4		
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST	TGLs = 5-8		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 146

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spinal Cord
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Peripheral Nerve

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Necrosis	Focal, Minimal
Lung	Peribronchial	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-1			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: CYST TGLs = 3-8			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:50
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 147

TRT#: 6

SEX: Female

DAY ON TEST: 462

DOSE: .16 G/KG HF

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Uterus	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spinal Cord		Degeneration	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Mineralization	Focal, Moderate
Urinary Bladder	Transit Epithe	Hyperplasia	Marked
	Wall	Inflammation	Chronic Active, Moderate

Note: INFLAMMATION TGLs = 2-9

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:51

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 148

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Peripheral Nerve

OBSERVATIONS

Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Granuloma	Mild
Mammary Gland		Galactocele	
Mesentery		Granuloma	Mild
	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 1-14			
Nose		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
Note: HYPERPLASIA TGLs = 2-8			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Hexachloroethane
CAS Number: 67-72-1

Date Report Requested: 10/23/2014
Time Report Requested: 07:29:51
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 149 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 736
DOSE: .16 G/KG HF **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Peripheral Nerve	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Harderian Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 3-15		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: FIBROADENOMA	TGLs = 2-14		
Nose		Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Marked
Note: ADENOMA	TGLs = 5-8		
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05028-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Hexachloroethane

CAS Number: 67-72-1

Date Report Requested: 10/23/2014

Time Report Requested: 07:29:51

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .16 G/KG HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skin	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Clitoral Gland		Dilatation	Moderate
Note: DILATATION	TGLs = 1-10		
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Minimal
		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
Lung	Peribronchial	Inflammation	Chronic, Mild
Nose		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE