

**TDMS No.** 20321 - 01

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** RATS/F344/N Tac

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

**CAS Number:** 21850-44-2

**Date Report Reqsted:** 12/28/2007

**Time Report Reqsted:** 13:10:21

**First Dose M/F:** 01/09/06 / 01/10/06

**Lab:** BAT

F1\_RD

**C Number:** C20321

**Lock Date:** 01/05/2007

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

**Treatment Groups:** Include ALL

**TDMSE Version:** 1.9.1

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
MALE

0 mg/kg

ANIMAL ID

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1
1	2	3	4	5	6	7	8	9	0	

\* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	1	
<b>0 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland	+	+	M	+	+	+	M	+	+	M	<b>7</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**

NONE

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
MALE

0 mg/kg

ANIMAL ID

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1
1	2	3	4	5	6	7	8	9	0	

\* TOTALS

GENITAL SYSTEM

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

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	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	1
<b>0 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+
										<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+
										<b>10</b>
Nose	+	+	+	+	+	+	+	+	+	+
										<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**SPECIAL SENSES SYSTEM**

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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	1	
<b>0 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

Eye + + + + + + + + + + **10**

Harderian Gland + + + + + + + + + + **10**

**URINARY SYSTEM**

Kidney + + + + + + + + + + **10**

Urinary Bladder + + + + + + + + + + **10**

**SYSTEMIC LESIONS**

Multiple Organ + + + + + + + + + + **10**

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	4	9	3	9	9	9	9	9	9
	3	0	3	7	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
MALE

62.5 mg/kg

ANIMAL ID

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	2
1	2	3	4	5	6	7	8	9	0	

\* TOTALS

ALIMENTARY SYSTEM

Esophagus	+	+								2
Intestine Large, Cecum	+		A							1
Intestine Large, Colon	+		+							2
Intestine Large, Rectum	+		+							2
Intestine Small, Duodenum	+		A							1
Intestine Small, Ileum	+		A							1
Intestine Small, Jejunum	+		A							1
Liver	+	+	+	+		+				5
Pancreas	+		+							2
Salivary Glands	+		+							2
Stomach, Forestomach	+		+							2
Stomach, Glandular	+		+							2

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		9	4	9	3	9	9	9	9	9	9
DAY ON TEST		3	0	3	7	3	3	3	3	3	3
<b>FISCHER 344-TACONIC RATS</b>		0	0	0	0	0	0	0	0	0	0
<b>MALE</b>		0	0	0	0	0	0	0	0	0	0
<b>62.5 mg/kg</b>		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		1	1	1	1	1	1	1	1	1	2
ANIMAL ID		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

**GENITAL SYSTEM**

Epididymis	+	+										<b>2</b>
Preputial Gland	+	+										<b>2</b>
Prostate	+	+										<b>2</b>
Seminal Vesicle	+	+										<b>2</b>
Testes	+	+										<b>2</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+										<b>2</b>
Lymph Node, Mandibular	+	+										<b>2</b>
Lymph Node, Mesenteric	+	+	+	A	+	+	+	+	+	+		<b>9</b>
Spleen	+	+										<b>2</b>
Thymus	+	+										<b>2</b>

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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	4	9	3	9	9	9	9	9	9	
	3	0	3	7	3	3	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	2	
<b>62.5 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

Eye			+				+				<b>3</b>
Harderian Gland			+		+						<b>2</b>

**URINARY SYSTEM**

Kidney			+		+						<b>2</b>
Urinary Bladder			+		+						<b>2</b>

**SYSTEMIC LESIONS**

Multiple Organ		+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	--	---	---	---	---	---	---	---	---	---	---	-----------

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
MALE

ANIMAL ID

125 mg/kg

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
2	2	2	2	2	2	2	2	2	3	3
1	2	3	4	5	6	7	8	9	0	0

\* TOTALS

ALIMENTARY SYSTEM

Liver

+ + + + +

5

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric

+ + + + + + + + + +

10

INTEGUMENTARY SYSTEM

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
MALE

ANIMAL ID

125 mg/kg

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
2	2	2	2	2	2	2	2	2	3	3
1	2	3	4	5	6	7	8	9	0	0

\* TOTALS

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung

+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---

10

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ

+	+	+	+	+	+	+	+	+	+	+
---	---	---	---	---	---	---	---	---	---	---

10

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	3	3	3	3	3	3	3	3	3	4
<b>250 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver											<b>4</b>
		+	+		+				+		

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric											<b>10</b>
		+	+	+	+	+	+	+	+	+	

**INTEGUMENTARY SYSTEM**

NONE

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	3	3	3	4	
<b>250 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	---	---	---	---	---	---	---	---	---	---	-----------

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
MALE

500 mg/kg

ANIMAL ID

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
4	4	4	4	4	4	4	4	4	4	5
1	2	3	4	5	6	7	8	9		0

\* TOTALS

ALIMENTARY SYSTEM

Liver	+	+	+	+	+	+	+	+	+	7
Oral Mucosa	+									1

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
------------------------	---	---	---	---	---	---	---	---	---	---	----

INTEGUMENTARY SYSTEM

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Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
MALE

ANIMAL ID

500 mg/kg

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
4	4	4	4	4	4	4	4	4	4	5
1	2	3	4	5	6	7	8	9	0	

\* TOTALS

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung

+ + + + + + + + + +

10

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + +

10

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
<hr/>										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	5	5	5	5	5	5	5	5	5	6
<b>1000 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Mesentery				+							<b>1</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
FISCHER 344-TACONIC RATS		0	0	0	0	0	0	0	0	0	0
MALE		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
1000 mg/kg		5	5	5	5	5	5	5	5	6	
		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+
											<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+
											<b>10</b>

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+
											<b>10</b>

**GENERAL BODY SYSTEM**

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		0	0	0	0	0	0	0	0	0	0
DAY ON TEST		9	9	9	9	9	9	9	9	9	9
DAY ON TEST		3	3	3	3	3	3	3	3	3	3
<b>FISCHER 344-TACONIC RATS</b>		0	0	0	0	0	0	0	0	0	0
<b>MALE</b>		0	0	0	0	0	0	0	0	0	0
<b>1000 mg/kg</b>		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		5	5	5	5	5	5	5	5	5	6
ANIMAL ID		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

**GENITAL SYSTEM**

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	+	+	+	+	+	+	+	10
Prostate	+	+	+	+	+	+	+	+	+	+	10
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10
Testes	+	+	+	+	+	+	+	+	+	+	10

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
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M .. Missing tissue  
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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
<hr/>										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>MALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	5	5	5	5	5	5	5	5	5	6
<b>1000 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**MUSCULOSKELETAL SYSTEM**

Bone	+	+	+	+	+	+	+	+	+	+	<b>10</b>
------	---	---	---	---	---	---	---	---	---	---	-----------

**NERVOUS SYSTEM**

Brain	+	+	+	+	+	+	+	+	+	+	<b>10</b>
-------	---	---	---	---	---	---	---	---	---	---	-----------

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SPECIAL SENSES SYSTEM**

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

DAY ON TEST		0	0	0	0	0	0	0	0	0	0
FISCHER 344-TACONIC RATS		0	0	0	0	0	0	0	0	0	0
MALE		0	0	0	0	0	0	0	0	0	0
ANIMAL ID		5	5	5	5	5	5	5	5	6	
1000 mg/kg		1	2	3	4	5	6	7	8	9	0
<b>* TOTALS</b>											

Eye	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Harderian Gland	+	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	---	---	---	---	---	---	---	---	---	---	-----------

\*\*\* END OF MALE DATA \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	5	9	9	9	9
	3	3	3	3	3	1	3	3	3	3
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	6	6	6	6	6	6	6	6	6	7
<b>0 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
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TDMS No. 20321 - 01

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First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	5	9	9	9	9	
	3	3	3	3	3	1	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	6	6	6	6	6	6	6	6	6	7	
<b>0 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

GENERAL BODY SYSTEM

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	5	9	9	9	9
	3	3	3	3	3	1	3	3	3	3

---

FISCHER 344-TACONIC RATS FEMALE	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	6	6	6	6	6	6	6	6	6	7
0 mg/kg	1	2	3	4	5	6	7	8	9	0

**\* TOTALS**

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
---------------	---	---	---	---	---	---	---	---	---	---	-----------

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0	
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	
<b>FISCHER 344-TACONIC RATS</b> <b>FEMALE</b> <b>0 mg/kg</b>		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	6	7	
		1	2	3	4	5	6	7	8	9	0	
												<b>* TOTALS</b>
	Skin	+	+	+	+	+	+	+	+	+	+	<b>10</b>
	<b>MUSCULOSKELETAL SYSTEM</b>											
	Bone	+	+	+	+	+	+	+	+	+	+	<b>10</b>
	<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
<b>RESPIRATORY SYSTEM</b>												
Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Nose	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Trachea	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
<b>SPECIAL SENSES SYSTEM</b>												
Eye	+	+	+	+	+	+	+	+	+	+	<b>10</b>	
Harderian Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>	

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
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TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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CAS Number: 21850-44-2

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First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	7	7	7	7	7	7	7	7	7	8
<b>62.5 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+		+	+	+	+	+	+	<b>8</b>
-------	---	---	--	---	---	---	---	---	---	----------

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	<b>10</b>
------------------------	---	---	---	---	---	---	---	---	---	-----------

**INTEGUMENTARY SYSTEM**

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
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- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	7	7	7	7	7	7	7	7	8	8
<b>62.5 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung

+ + + + + + + + + +

10

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + +

10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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TDMS No. 20321 - 01

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CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	8	8	8	8	8	8	8	8	8	9
<b>125 mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+		+	+		+	+	+	<b>8</b>
-------	---	---	---	--	---	---	--	---	---	---	----------

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Ovary											<b>1</b>
-------	--	--	--	--	--	--	--	--	--	--	----------

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
------------------------	---	---	---	---	---	---	---	---	---	---	-----------

**INTEGUMENTARY SYSTEM**

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0	0	0
<b>125 mg/kg</b>	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0
	<b>* TOTALS</b>									

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
------	---	---	---	---	---	---	---	---	---	---	-----------

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	---	---	---	---	---	---	---	---	---	---	-----------

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1
ANIMAL ID	9	9	9	9	9	9	9	9	9	0
<b>250mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+		+	+	+	+	+
										<b>9</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**INTEGUMENTARY SYSTEM**

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

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First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	1
ANIMAL ID	9	9	9	9	9	9	9	9	9	0
<b>250mg/kg</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung	+	+	+	+	+	+	+	+	+	+	<b>10</b>
------	---	---	---	---	---	---	---	---	---	---	-----------

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	---	---	---	---	---	---	---	---	---	---	-----------

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
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TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

CAS Number: 21850-44-2

Date Report Requested: 12/28/2007

Time Report Requested: 13:10:21

First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
.....										
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	1	1	1	1	1	1	1	1	1	1
<b>500 mg/kg</b>	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

NONE

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

NONE

**HEMATOPOIETIC SYSTEM**

Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+
										<b>10</b>

**INTEGUMENTARY SYSTEM**

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
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TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3

FISCHER 344-TACONIC RATS  
FEMALE

ANIMAL ID

500 mg/kg

0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1
0	0	0	0	0	0	0	0	0	0	1
1	2	3	4	5	6	7	8	9	0	

\* TOTALS

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Lung

+ + + + + + + + + +

10

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + +

10

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
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TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

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First Dose M/F: 01/09/06 / 01/10/06

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	1	1	1	1	1	1	1	1	1	1
<b>1000 mg/kg</b>	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Salivary Glands	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

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+ .. Tissue examined microscopically  
x .. Lesion present  
I .. Insufficient tissue

M .. Missing tissue  
A .. Autolysis precludes evaluation  
BLANK .. Not examined microscopically

TDMS No. 20321 - 01

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: RATS/F344/N Tac

P04: NEOPLASMS BY INDIVIDUAL ANIMAL

Tetrabromobisphenol A-bis(2,3-dibromopropyl ether)

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Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	2	
<b>1000 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

CARDIOVASCULAR SYSTEM

Blood Vessel	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Heart	+	+	+	+	+	+	+	+	+	+	<b>10</b>

ENDOCRINE SYSTEM

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

GENERAL BODY SYSTEM

NONE

- \* .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- I .. Insufficient tissue

- M .. Missing tissue
- A .. Autolysis precludes evaluation
- BLANK .. Not examined microscopically

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	2	
<b>1000 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**GENITAL SYSTEM**

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
---------------	---	---	---	---	---	---	---	---	---	---	-----------

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
	9	9	9	9	9	9	9	9	9	9	9
	3	3	3	3	3	3	3	3	3	3	3
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	0
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	2
<b>1000 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	
											<b>* TOTALS</b>
Skin	+	+	+	+	+	+	+	+	+	+	10
.....											
<b>MUSCULOSKELETAL SYSTEM</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
.....											
<b>NERVOUS SYSTEM</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
.....											
<b>RESPIRATORY SYSTEM</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10
.....											
<b>SPECIAL SENSES SYSTEM</b>											
Eye	+	+	+	+	+	+	+	+	+	+	10
Harderian Gland	+	+	+	+	+	+	+	+	+	+	10

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
.....											
<b>FISCHER 344-TACONIC RATS</b>	0	0	0	0	0	0	0	0	0	0	
<b>FEMALE</b>	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	1	1	1	1	1	1	1	1	1	
	1	1	1	1	1	1	1	1	1	2	
<b>1000 mg/kg</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**URINARY SYSTEM**

Kidney	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	<b>10</b>
----------------	---	---	---	---	---	---	---	---	---	---	-----------

\*\*\* END OF REPORT \*\*\*

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
 I .. Insufficient tissue

M .. Missing tissue  
 A .. Autolysis precludes evaluation  
 BLANK .. Not examined microscopically