

**TDMS No.** 20304 - 01  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** RATS/SD

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
TEF evaluation (PCB 118)  
**CAS Number:** 31508-00-6

**Date Report Requested:** 06/24/2008  
**Time Report Requested:** 13:39:56  
**First Dose M/F:** NA / 03/26/04  
**Lab:** BAT

31 Wk\_SSAC\_R8

**C Number:** C20304

**Lock Date:** 10/12/2006

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** 25017 SSAC

**Removal Date Range:** 27-Oct-2004 - 27-Oct-2004

**Treatment Groups:** Include 001 0 UG/KG

Include 002 10 UG/KG

Include 003 30 UG/KG

Include 004 100 UG/KG

Include 005 220 UG/KG

Include 006 460 UG/KG

Include 007 1000 UG/KG

Include 008 4600 UG/KG

**Study Gender:** Female

**TDMSE Version:** 2.0.0

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 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
.....										
<b>SPRAGUE-DAWLEY 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	7	7	7	7	7
<b>0 UG/KG</b>	1	2	3	4	5	1	2	3	4	5
	<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	<b>1</b>
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**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid 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  
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 BLANK .. Not examined microscopically

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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	7	7	7	7	7	
<b>0 UG/KG</b>	1	2	3	4	5	1	2	3	4	5	<b>* TOTALS</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Ovary	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Vagina	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**HEMATOPOIETIC SYSTEM**

Spleen	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thymus	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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**MUSCULOSKELETAL SYSTEM**  
 NONE

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

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	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
.....										
<b>SPRAGUE-DAWLEY 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	7	7	7	7	7
<b>0 UG/KG</b>	1	2	3	4	5	1	2	3	4	5
	<b>* TOTALS</b>									

**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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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	
	1	1	1	1	1	1	1	1	1	1	
ANIMAL ID	1	1	1	1	1	2	2	2	2	3	
<b>10 UG/KG</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

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

**CARDIOVASCULAR SYSTEM**  
 NONE

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	
	1	1	1	1	1	1	1	1	1	1	
ANIMAL ID	1	1	1	1	1	2	2	2	2	3	
<b>10 UG/KG</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**HEMATOPOIETIC SYSTEM**

Thymus + + + + + + + + + + 10

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung + + + + + + + + + + 10

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
 + .. Tissue examined microscopically  
 x .. Lesion present  
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M .. Missing tissue  
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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	
	1	1	1	1	1	1	1	1	1	1	
ANIMAL ID	1	1	1	1	1	2	2	2	2	3	
<b>10 UG/KG</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**SYSTEMIC LESIONS**

Multiple Organ	+	+	+	+	+	+	+	+	+	+	<b>10</b>
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DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
.....										
<b>SPRAGUE-DAWLEY 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
	2	2	2	2	2	2	2	2	2	2
ANIMAL ID	0	0	0	0	0	1	1	1	1	2
<b>30 UG/KG</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

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

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL SYSTEM**

Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	-----------

\* .. 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	
	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
SPRAGUE-DAWLEY RATS	0	0	0	0	0	0	0	0	0	0	
FEMALE	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
ANIMAL ID	0	0	0	0	0	1	1	1	1	2	
30 UG/KG	1	2	3	4	5	6	7	8	9	0	* TOTALS

**HEMATOPOIETIC SYSTEM**

Thymus + + + + + + + + + + 10

**INTEGUMENTARY SYSTEM**

Mammary Gland + 1  
 Carcinoma X 1

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung + + + + + + + + + + 10

**SPECIAL SENSES 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
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6

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SPRAGUE-DAWLEY RATS  
 FEMALE  
 ANIMAL ID  
 30 UG/KG

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

\* TOTALS

URINARY SYSTEM  
 NONE

SYSTEMIC LESIONS

Multiple Organ

+ + + + + + + + + +

10

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	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
.....										
<b>SPRAGUE-DAWLEY 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
	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	6	6	6	6	6	7	7	7	7	8
<b>100 UG/KG</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

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

**CARDIOVASCULAR SYSTEM**  
 NONE

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Uterus	+	+	+	+	+	+	+	+	+	+	<b>10</b>
--------	---	---	---	---	---	---	---	---	---	---	-----------

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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	
	3	3	3	3	3	3	3	3	3	3	
ANIMAL ID	6	6	6	6	6	7	7	7	7	8	
<b>100 UG/KG</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**HEMATOPOIETIC SYSTEM**

Thymus + + + + + + + + + + 10

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung + + + + + + + + + + 10

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

\* .. Total animals with tissue examined microscopically; Total animals with tumor  
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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	
	3	3	3	3	3	3	3	3	3	3	
ANIMAL ID	6	6	6	6	6	7	7	7	7	8	
<b>100 UG/KG</b>	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**SYSTEMIC LESIONS**

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

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	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	4	4	4	4	4	4	4	4	4	4	
<b>220 UG/KG</b>	0	0	0	0	0	2	2	2	2	3	
	1	2	3	4	5	6	7	8	9	0	<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular					+						<b>1</b>

**CARDIOVASCULAR SYSTEM**

NONE

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**

NONE

**GENITAL 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

TDMS No. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 TEF evaluation (PCB 118)  
 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
.....										
<b>SPRAGUE-DAWLEY 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
	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	0	0	0	0	0	2	2	2	2	3
<b>220 UG/KG</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

Uterus + + + + + + + + + + 10

**HEMATOPOIETIC SYSTEM**

Thymus + + + + + + + + + + 10

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung + + + + + + + + + + 10

**SPECIAL SENSES 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. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 TEF evaluation (PCB 118)  
 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
.....										
<b>SPRAGUE-DAWLEY 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
	4	4	4	4	4	4	4	4	4	4
ANIMAL ID	0	0	0	0	0	2	2	2	2	3
<b>220 UG/KG</b>	1	2	3	4	5	6	7	8	9	0
										<b>* TOTALS</b>

**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. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 TEF evaluation (PCB 118)  
 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
<hr/>										
<b>SPRAGUE-DAWLEY 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
<b>460 UG/KG</b>	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	4	4	4	4	5	7	7	7	7	7
	6	7	8	9	0	1	2	3	4	5
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

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

**CARDIOVASCULAR SYSTEM**  
 NONE

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland			+								<b>1</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL 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

TDMS No. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
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Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
SPRAGUE-DAWLEY RATS FEMALE	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	5	
	4	4	4	4	5	7	7	7	7	7	
460 UG/KG	6	7	8	9	0	1	2	3	4	5	* TOTALS

Uterus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

**HEMATOPOIETIC SYSTEM**

Thymus	+	+	+	+	+	+	+	+	+	+	10
--------	---	---	---	---	---	---	---	---	---	---	----

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung	+	+	+	+	+	+	+	+	+	+	10
------	---	---	---	---	---	---	---	---	---	---	----

**SPECIAL SENSES 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. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 TEF evaluation (PCB 118)  
 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

	0	0	0	0	0	0	0	0	0	0
DAY ON TEST	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
.....										
<b>SPRAGUE-DAWLEY 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
	5	5	5	5	5	5	5	5	5	5
ANIMAL ID	4	4	4	4	5	7	7	7	7	7
<b>460 UG/KG</b>	6	7	8	9	0	1	2	3	4	5
										<b>* TOTALS</b>

**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. 20304 - 01  
 Test Type: CHRONIC  
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 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
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 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
<hr/>										
<b>SPRAGUE-DAWLEY 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
<b>1000 UG/KG</b>	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	2	2	2	2	2	3	3	3	3	3
	1	2	3	4	5	1	2	3	4	5
										<b>* TOTALS</b>

**ALIMENTARY SYSTEM**

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

**CARDIOVASCULAR SYSTEM**  
 NONE

**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Uterus	+	+	+	+	+	+	+	+	+	+	<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. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
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 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
SPRAGUE-DAWLEY RATS FEMALE	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	6	
1000 UG/KG	2	2	2	2	3	3	3	3	3	3	
	1	2	3	4	5	1	2	3	4	5	* TOTALS

**HEMATOPOIETIC SYSTEM**

Thymus + + + + + + + + + + 10

**INTEGUMENTARY SYSTEM**

NONE

**MUSCULOSKELETAL SYSTEM**

NONE

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung + + + + + + + + + + 10

**SPECIAL SENSES SYSTEM**

NONE

**URINARY 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. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 TEF evaluation (PCB 118)  
 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

	0	0	0	0	0	0	0	0	0	0	
DAY ON TEST	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
<b>SPRAGUE-DAWLEY 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	
	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	2	2	2	2	2	3	3	3	3	3	
<b>1000 UG/KG</b>	1	2	3	4	5	1	2	3	4	5	<b>* TOTALS</b>

**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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 BLANK .. Not examined microscopically

TDMS No. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 TEF evaluation (PCB 118)  
 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6
<hr/>										
<b>SPRAGUE-DAWLEY 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
	7	7	7	7	7	7	7	7	7	7
ANIMAL ID	3	3	3	3	4	6	6	6	6	6
<b>4600 UG/KG</b>	6	7	8	9	0	1	2	3	4	5
	<b>* TOTALS</b>									

**ALIMENTARY SYSTEM**

Liver	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pancreas	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	<b>10</b>

**CARDIOVASCULAR SYSTEM**

Blood Vessel	+	<b>1</b>
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**ENDOCRINE SYSTEM**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	<b>10</b>
Thyroid 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

TDMS No. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
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 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	
	1	1	1	1	1	1	1	1	1	1	
	6	6	6	6	6	6	6	6	6	6	
.....											
SPRAGUE-DAWLEY RATS FEMALE	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	7	7	7	7	7	
ANIMAL ID	3	3	3	3	4	6	6	6	6	6	
4600 UG/KG	6	7	8	9	0	1	2	3	4	5	* TOTALS

**GENERAL BODY SYSTEM**  
 NONE

**GENITAL SYSTEM**

Ovary	+	+	+	+	+	+	+	+	+	+	10
Uterus	+	+	+	+	+	+	+	+	+	+	10
Vagina	+	+	+	+	+	+	+	+	+	+	10

**HEMATOPOIETIC SYSTEM**

Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

**INTEGUMENTARY SYSTEM**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10
---------------	---	---	---	---	---	---	---	---	---	---	----

**MUSCULOSKELETAL 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. 20304 - 01  
 Test Type: CHRONIC  
 Route: GAVAGE  
 Species/Strain: RATS/SD

P04: NEOPLASMS BY INDIVIDUAL ANIMAL  
 TEF evaluation (PCB 118)  
 CAS Number: 31508-00-6

Date Report Requested: 06/24/2008  
 Time Report Requested: 13:39:56  
 First Dose M/F: NA / 03/26/04  
 Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1
	6	6	6	6	6	6	6	6	6	6

**SPRAGUE-DAWLEY RATS  
 FEMALE**

ANIMAL ID

**4600 UG/KG**

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

**\* TOTALS**

**NERVOUS SYSTEM**

NONE

**RESPIRATORY SYSTEM**

Lung

+ + + + + + + + + +

**10**

**SPECIAL SENSES SYSTEM**

NONE

**URINARY SYSTEM**

NONE

**SYSTEMIC LESIONS**

Multiple Organ

+ + + + + + + + + +

**10**

\*\*\* 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