

Study Number: C98090C-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA46s: Summary of Gross Pathology
Test Compound: 2,2',4,4'-Tetrabromodiphenyl Ether
CAS Number: 5436-43-1

Date Report Requested: 02/07/2019
Time Report Requested: 09:40:19
Lab: Battelle

C Number: C98090C-01
Study Gender: Male
PWG Approval Date See web page for date of PWG Approval

Study Number: C98090C-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA46s: Summary of Gross Pathology
Test Compound: 2,2',4,4'-Tetrabromodiphenyl Ether
CAS Number: 5436-43-1

Date Report Requested: 02/07/2019
Time Report Requested: 09:40:19
Lab: Battelle

Male: Core Males

	Treatment Groups (mg/kg)					
	0	0.0485	0.485	4.85	48.5	485
Disposition Summary						
Animals Initially In Study	6	6	6	6	6	6
Early Deaths						
Survivors						
Scheduled sacrifice, terminal (SD 5)	6	6	6	6	6	6
Number of Animals Examined	6	6	6	6	6	6
ALIMENTARY SYSTEM						
ESOPHAGUS	(6)	(6)	(6)	(6)	(6)	(6)
GALLBLADDER	(6)	(6)	(6)	(6)	(6)	(6)
INTESTINE, LARGE, CECUM	(6)	(6)	(6)	(6)	(6)	(6)
INTESTINE, LARGE, COLON	(6)	(6)	(6)	(6)	(6)	(6)
INTESTINE, LARGE, RECTUM	(6)	(6)	(6)	(6)	(6)	(6)
INTESTINE, SMALL, DUODENUM	(6)	(6)	(6)	(6)	(6)	(6)
INTESTINE, SMALL, ILEUM	(6)	(6)	(6)	(6)	(6)	(6)
INTESTINE, SMALL, JEJUNUM	(6)	(6)	(6)	(6)	(6)	(6)
LIVER	(6)	(6)	(6)	(6)	(6)	(6)
MESENTERY	(6)	(6)	(6)	(6)	(6)	(6)
PANCREAS	(6)	(6)	(6)	(6)	(6)	(6)
PHARYNX	(6)	(6)	(6)	(6)	(6)	(6)
SALIVARY GLANDS	(6)	(6)	(6)	(6)	(6)	(6)
STOMACH, FORESTOMACH	(6)	(6)	(6)	(6)	(6)	(6)
STOMACH, GLANDULAR	(6)	(6)	(6)	(6)	(6)	(6)
TONGUE	(6)	(6)	(6)	(6)	(6)	(6)
TOOTH	(6)	(6)	(6)	(6)	(6)	(6)

Study Number: C98090C-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Sprague Dawley

PA46s: Summary of Gross Pathology

Test Compound: 2,2',4,4'-Tetrabromodiphenyl Ether

CAS Number: 5436-43-1

Date Report Requested: 02/07/2019

Time Report Requested: 09:40:19

Lab: Battelle

Male: Core Males

	Treatment Groups (mg/kg)					
	0	0.0485	0.485	4.85	48.5	485
CARDIOVASCULAR SYSTEM						
BLOOD VESSEL	(6)	(6)	(6)	(6)	(6)	(6)
HEART	(6)	(6)	(6)	(6)	(6)	(6)
ENDOCRINE SYSTEM						
ADRENAL GLAND	(6)	(6)	(6)	(6)	(6)	(6)
PARATHYROID GLAND	(6)	(6)	(6)	(6)	(6)	(6)
PITUITARY GLAND	(6)	(6)	(6)	(6)	(6)	(6)
THYROID GLAND	(6)	(6)	(6)	(6)	(6)	(6)
GENERAL BODY SYSTEM						
ABDOMEN	(6)	(6)	(6)	(6)	(6)	(6)
CARCASS	(6)	(6)	(6)	(6)	(6)	(6)
GENITAL SYSTEM						
COAGULATING GLAND	(6)	(6)	(6)	(6)	(6)	(6)
EPIDIDYMIS, LEFT	(6)	(6)	(6)	(6)	(6)	(6)
EPIDIDYMIS, RIGHT	(6)	(6)	(6)	(6)	(6)	(6)
PENIS	(6)	(6)	(6)	(6)	(6)	(6)
PREPUTIAL GLAND	(6)	(6)	(6)	(6)	(6)	(6)
PROSTATE	(6)	(6)	(6)	(6)	(6)	(6)
SEMINAL VESICLE	(6)	(6)	(6)	(6)	(6)	(6)
TESTIS, LEFT	(6)	(6)	(6)	(6)	(6)	(6)
TESTIS, RIGHT	(6)	(6)	(6)	(6)	(6)	(6)

Study Number: C98090C-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Sprague Dawley

PA46s: Summary of Gross Pathology

Test Compound: 2,2',4,4'-Tetrabromodiphenyl Ether

CAS Number: 5436-43-1

Date Report Requested: 02/07/2019

Time Report Requested: 09:40:19

Lab: Battelle

Male: Core Males

	Treatment Groups (mg/kg)					
	0	0.0485	0.485	4.85	48.5	485
HEMATOPOIETIC SYSTEM						
BLOOD	(6)	(6)	(6)	(6)	(6)	(6)
BONE MARROW	(6)	(6)	(6)	(6)	(6)	(6)
LYMPH NODE	(6)	(6)	(6)	(6)	(6)	(6)
LYMPH NODE, BRONCHIAL	(6)	(6)	(6)	(6)	(6)	(6)
LYMPH NODE, MANDIBULAR	(6)	(6)	(6)	(6)	(6)	(6)
LYMPH NODE, MEDIASTINAL	(6)	(6)	(6)	(6)	(6)	(6)
LYMPH NODE, MESENTERIC	(6)	(6)	(6)	(6)	(6)	(6)
SPLEEN	(6)	(6)	(6)	(6)	(6)	(6)
THYMUS	(6)	(6)	(6)	(6)	(6)	(6)
INTEGUMENTARY SYSTEM						
MAMMARY GLAND	(6)	(6)	(6)	(6)	(6)	(6)
SKIN	(6)	(6)	(6)	(6)	(6)	(6)
LYMPHOID SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
BONE	(6)	(6)	(6)	(6)	(6)	(6)
SKELETAL MUSCLE	(6)	(6)	(6)	(6)	(6)	(6)
NERVOUS SYSTEM						
BRAIN	(6)	(6)	(6)	(6)	(6)	(6)
NERVE, SCIATIC	(6)	(6)	(6)	(6)	(6)	(6)
NERVE, TIBIAL	(6)	(6)	(6)	(6)	(6)	(6)
SPINAL CORD	(6)	(6)	(6)	(6)	(6)	(6)
TRIGEMINAL GANGLION	(6)	(6)	(6)	(6)	(6)	(6)

Study Number: C98090C-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA46s: Summary of Gross Pathology
Test Compound: 2,2',4,4'-Tetrabromodiphenyl Ether
CAS Number: 5436-43-1

Date Report Requested: 02/07/2019
Time Report Requested: 09:40:19
Lab: Battelle

Male: Core Males

Treatment Groups (mg/kg)

	0	0.0485	0.485	4.85	48.5	485
RESPIRATORY SYSTEM						
LARYNX	(6)	(6)	(6)	(6)	(6)	(6)
LUNG	(6)	(6)	(6)	(6)	(6)	(6)
NOSE	(6)	(6)	(6)	(6)	(6)	(6)
THORAX	(6)	(6)	(6)	(6)	(6)	(6)
TRACHEA	(6)	(6)	(6)	(6)	(6)	(6)
SPECIAL SENSES SYSTEM						
EYE	(6)	(6)	(6)	(6)	(6)	(6)
HARDERIAN GLAND	(6)	(6)	(6)	(6)	(6)	(6)
LACRIMAL GLAND	(6)	(6)	(6)	(6)	(6)	(6)
ZYMBALS GLAND	(6)	(6)	(6)	(6)	(6)	(6)
URINARY SYSTEM						
KIDNEY, LEFT	(6)	(6)	(6)	(6)	(6)	(6)
KIDNEY, RIGHT	(6)	(6)	(6)	(6)	(6)	(6)
URETER	(6)	(6)	(6)	(6)	(6)	(6)
URINARY BLADDER	(6)	(6)	(6)	(6)	(6)	(6)

Study Number: C98090C-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA46s: Summary of Gross Pathology
Test Compound: 2,2',4,4'-Tetrabromodiphenyl Ether
CAS Number: 5436-43-1

Date Report Requested: 02/07/2019
Time Report Requested: 09:40:19
Lab: Battelle

LEGEND

Number of animals examined given for each tissue

Number (percent) of animals affected given for each observation

No p-values are reported unless there are at least two lesions in one or more of the dose groups

Trend p-values are reported only for those organs that were fully examined in all dose groups

For some animals in the middle dose groups, an organ was analyzed only after a gross lesion was detected. These findings were not analyzed statistically against the control group.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****