

Experiment Number: 20209 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 08/05/2014

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

F\_14 Wk. SSAC\_RE

**NTP Study Number:** C20209

**Lock Date:** 08/31/2011

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** 25017 SSAC

**Removal Date Range:** ALL

**Treatment Groups:** Include 001 0 MG/KG  
Include 008 50 MG/KG

Include 002 0 MG/KG

Include 007 50 MG/KG

**Study Gender:** Both

**TDMSE Version:** 3.0.2.1\_001

**PWG Approval Date:** NONE

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

Wistar Han RATS MALE

0 MG/KG

50 MG/KG

**Disposition Summary**

<b>Animals Initially In Study</b>	<b>60</b>	<b>60</b>
<b>Scheduled Sacrifice</b>	<b>10</b>	<b>10</b>
<b>Early Deaths</b>		
<b>Survivors</b>		
<b>Animals Examined Microscopically</b>	<b>10</b>	<b>10</b>

## ALIMENTARY SYSTEM

Esophagus	(10)	(10)
Intestine Large, Cecum	(10)	(10)
Intestine Large, Colon	(10)	(10)
Intestine Large, Rectum	(10)	(10)
Intestine Small, Duodenum	(10)	(10)
Intestine Small, Ileum	(10)	(10)
Intestine Small, Jejunum	(10)	(10)
Liver	(10)	(10)
Mesentery	(0)	(1)
Oral Mucosa	(0)	(1)
Pancreas	(10)	(10)
Salivary Glands	(10)	(10)
Stomach, Forestomach	(10)	(10)
Stomach, Glandular	(10)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(0)	(1)
Heart	(10)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)
Adrenal Medulla	(10)	(10)
Islets, Pancreatic	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 20209 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 08/05/2014

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

---

**Wistar Han RATS MALE**

**0 MG/KG**

**50 MG/KG**

---

Parathyroid Gland	(10)	(10)
Pituitary Gland	(10)	(9)
Thyroid Gland	(10)	(10)

---

**GENERAL BODY SYSTEM**

None

---

**GENITAL SYSTEM**

Epididymis	(10)	(10)
Preputial Gland	(10)	(10)
Prostate	(10)	(10)
Seminal Vesicle	(10)	(10)
Testes	(10)	(10)

---

**HEMATOPOIETIC SYSTEM**

Bone Marrow	(10)	(10)
Lymph Node	(1)	(1)
Lymph Node, Mandibular	(10)	(10)
Lymph Node, Mesenteric	(10)	(10)
Spleen	(10)	(10)
Thymus	(10)	(10)

---

**INTEGUMENTARY SYSTEM**

Mammary Gland	(10)	(10)
Skin	(10)	(10)

---

**MUSCULOSKELETAL SYSTEM**

Bone	(10)	(10)
------	------	------

---

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 20209 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 08/05/2014

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

---

Wistar Han RATS MALE

0 MG/KG

50 MG/KG

---

NERVOUS SYSTEM

Brain	(10)	(10)
-------	------	------

---

RESPIRATORY SYSTEM

Lung	(10)	(10)
Nose	(10)	(10)
Trachea	(10)	(10)

---

SPECIAL SENSES SYSTEM

Eye	(10)	(10)
Harderian Gland	(10)	(10)

---

URINARY SYSTEM

Kidney	(10)	(10)
Urinary Bladder	(10)	(10)

---

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 20209 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 08/05/2014

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

---

Wistar Han RATS MALE

0 MG/KG

50 MG/KG

---

## Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

---

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

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

Wistar Han RATS FEMALE

0 MG/KG

50 MG/KG

**Disposition Summary**

<b>Animals Initially In Study</b>	<b>60</b>	<b>60</b>
<b>Scheduled Sacrifice</b>	<b>10</b>	<b>10</b>
<b>Early Deaths</b>		
<b>Survivors</b>		
<b>Animals Examined Microscopically</b>	<b>10</b>	<b>10</b>

## ALIMENTARY SYSTEM

Esophagus	(10)	(10)
Intestine Large, Cecum	(10)	(10)
Intestine Large, Colon	(10)	(10)
Intestine Large, Rectum	(10)	(10)
Intestine Small, Duodenum	(10)	(10)
Intestine Small, Ileum	(10)	(10)
Intestine Small, Jejunum	(10)	(10)
Liver	(9)	(10)
Oral Mucosa	(1)	(0)
Pancreas	(10)	(10)
Salivary Glands	(10)	(10)
Stomach, Forestomach	(10)	(10)
Stomach, Glandular	(10)	(10)

## CARDIOVASCULAR SYSTEM

Blood Vessel	(1)	(0)
Heart	(10)	(10)

## ENDOCRINE SYSTEM

Adrenal Cortex	(10)	(10)
Adrenal Medulla	(9)	(10)
Islets, Pancreatic	(10)	(10)
Parathyroid Gland	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 20209 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 08/05/2014

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

---

**Wistar Han RATS FEMALE**

**0 MG/KG**

**50 MG/KG**

---

Pituitary Gland

(10)

(10)

Thyroid Gland

(10)

(10)

---

**GENERAL BODY SYSTEM**

None

---

**GENITAL SYSTEM**

Clitoral Gland

(10)

(10)

Ovary

(10)

(10)

Uterus

(10)

(10)

---

**HEMATOPOIETIC SYSTEM**

Bone Marrow

(10)

(10)

Lymph Node

(2)

(2)

Lymph Node, Mandibular

(10)

(10)

Lymph Node, Mesenteric

(10)

(10)

Spleen

(10)

(10)

Thymus

(10)

(10)

---

**INTEGUMENTARY SYSTEM**

Mammary Gland

(10)

(10)

Skin

(10)

(10)

---

**MUSCULOSKELETAL SYSTEM**

Bone

(10)

(10)

Skeletal Muscle

(1)

(0)

---

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 20209 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 08/05/2014

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

---

**Wistar Han RATS FEMALE**

**0 MG/KG**

**50 MG/KG**

---

**NERVOUS SYSTEM**

Brain	(10)	(10)
-------	------	------

---

**RESPIRATORY SYSTEM**

Lung	(10)	(10)
Nose	(10)	(10)
Trachea	(10)	(10)

---

**SPECIAL SENSES SYSTEM**

Eye	(10)	(10)
Harderian Gland	(10)	(10)

---

**URINARY SYSTEM**

Kidney	(10)	(10)
Urinary Bladder	(9)	(10)

---

a - Number of animals examined microscopically at site and number of animals with lesion



Experiment Number: 20209 - 03

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

Date Report Requested: 08/05/2014

Test Type: CHRONIC

Pentabromodiphenyl oxide (technical) (DE 71)

Time Report Requested: 10:16:02

Route: GAVAGE

CAS Number: 32534-81-9

First Dose M/F: 08/26/08 / 08/26/08

Species/Strain: RATS/Wistar Han

Lab: SRI

---

Wistar Han RATS FEMALE

0 MG/KG

50 MG/KG

---

## Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms

Uncertain Primary Site

Total Animals with Neoplasms Uncertain-

Benign or Malignant

Total Uncertain Neoplasms

---

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

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors