

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C55287

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_251

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Necrosis, Focal
		Neoplastic Nodule
Lung		Inflammation, Acute Diffuse
		Pneumonia, Aspiration
Lymph node	Mandibular Lymph Node	Hyperplasia, Reticulum Cell
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mandibular Lymph Node	Lymphangiectasis
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_252

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Metamorphosis, Fatty  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Focal Cellular Change  
Granuloma, Nos  
Leukocytosis, Nos  
Pigmentation, Nos

Lung

Inflammation, Chronic  
Inflammation, Multifocal

Lymph node  
Mammary gland

Mediastinal Lymph Node

Pigmentation, Nos  
Dilatation, Ducts

Ovary

Cyst, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Decabromodiphenyl oxide  
**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:10:00  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_253

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hematopoiesis
Heart	Myocardium Nos	Fibrosis
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Leukocytosis, Nos
		Necrosis, Focal
Lung		Fibrosarcoma, Metastatic
		Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Galactocele
Pituitary gland		Cyst, Nos
Spleen		Hematopoiesis
Stomach		Ulcer, Nos
Unspecified		Fibrosarcoma, Invasive
Uterus		Endometrial Stromal Polyp
Vagina		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_254

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Brain		Carcinoma, Nos, Invasive
	Basal Surface	Compression, Nos
Heart		Fibrosis
Kidney		Nephropathy
Liver	Centrilobular	Cytoplasmic Vacuolization
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Stomach	Forestomach	Acanthosis
		Ulcer, Nos
Unspecified	Multiple Organs Nos	Congestion, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_255

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Pigmentation, Nos
Lung		Inflammation, Chronic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Uterus	Cervix Uteri	Fibrosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_256

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Metamorphosis, Fatty
Bone	Sternum	Exostosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Metamorphosis, Fatty
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pancreas		Acinar-Cell Adenoma
		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_257

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Sternum	Exostosis
Clitoral gland		Carcinoma, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hernia, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Hyperplasia, Reticulum Cell
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	Fibrosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_258

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Focal Cellular Change

Lung

Granuloma, Nos

Neoplastic Nodule

Mammary gland

Inflammation, Chronic

Dilatation, Ducts

Pancreas

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Hematopoiesis

Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_259

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
		Leukocytosis, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skin		Basal-Cell Tumor
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus	Cervix Uteri	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_260

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Metamorphosis, Fatty  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Focal Cellular Change

Lung

Metamorphosis, Fatty

Mammary gland

Hyperplasia, Alveolar Epithelium

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Dilatation, Ducts

Fibroadenoma

Spleen

Adenoma, Nos

Pigmentation, Nos

Stomach

Forestomach

Acanthosis

Inflammation, Chronic Diffuse

Necrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_261

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Sternum	Exostosis
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Neoplastic Nodule
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_262

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver		Granuloma, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Pigmentation, Nos
Uterus	Cervix Uteri	Abscess, Nos
		Endometrial Stromal Polyp
		Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_263

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney	Tubule	Nephropathy Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Pigmentation, Nos
Uterus	Cervix Uteri	Fibrosis Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_264

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Pigmentation, Nos

Liver

Focal Cellular Change

Granuloma, Nos

Neoplastic Nodule

Lung

Inflammation, Chronic

Lymph node

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_265

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hematopoiesis
		Leukocytosis, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Pigmentation, Nos
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_266

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Metamorphosis, Fatty
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Erythrophagocytosis
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Glandular Stomach	Necrosis, Focal
Unspecified	Groin	Myxosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_267

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Cerebrum	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Large	Cecum, Colon	Hemorrhage
	Cecum, Colon	Necrosis, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Fibrosis, Focal
		Focal Cellular Change
		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_268

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Lung

Focal Cellular Change

Lymph node

Inflammation, Chronic

Mammary gland

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_269

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Retina	Cataract Degeneration, Nos Synechia, Posterior
Harderian gland	Hardarian Gland	Granuloma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Granuloma, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Adenoma, Nos
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_270

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp
Vagina		Papilloma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_271

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Lung

Focal Cellular Change

Lymph node

Inflammation, Chronic

Skin

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Spleen

Nose

Squamous Cell Papilloma

Uterus

Hematopoiesis

Pigmentation, Nos

Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_272

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
Lung		Inflammation, Chronic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	Fibrosis
		Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_273

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Myocardium Nos

Inflammation, Chronic Diffuse

Kidney

Nephropathy

Lymph node

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Mammary gland

Dilatation, Ducts

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_274

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Lung

Mammary gland

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Focal Cellular Change

Inflammation, Chronic

Fibroadenoma

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_275

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel	Pulmonary Artery Nos	Hyperplasia, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Tubule	Necrosis, Focal
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
Lung		Inflammation, Chronic
		Inflammation, Focal
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_276

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Clitoral gland		Cystic Ducts
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Neoplastic Nodule
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_277

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Focal Cellular Change

Lung

Inflammation, Chronic

Mammary gland

Dilatation, Ducts

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Pigmentation, Nos

Thyroid

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_278

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
		Hernia, Nos
Lung		Abscess, Nos
		Inflammation, Chronic
		Inflammation, Multifocal
		Necrosis, Focal
Mammary gland		Adenoma, Nos
		Dilatation, Ducts
Pancreas		Atrophy, Diffuse
Stomach	Glandular Stomach	Necrosis, Focal
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_279

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Necrosis, Focal
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Necrosis, Focal
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_280

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Lymph node

Hepatitis, Toxic

Mammary gland

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Thyroid

Fibroadenoma

Unspecified

Multiple Organs Nos

C-Cell Carcinoma

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_281

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Myocardium Nos

Tubule

Anterior Pituitary

Anterior Pituitary

Hyperplasia, Nos

Neurilemoma

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Granuloma, Nos

Leukocytosis, Nos

Neoplastic Nodule

Pigmentation, Nos

Inflammation, Chronic

Dilatation, Ducts

Adenoma, Nos

Angiectasis

Hyperplasia, Lymphoid

Hyperplasia, Reticulum Cell

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_282

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Lung

Pituitary gland

Stomach

Unspecified

Uterus

Myocardium Nos

Anterior Pituitary

Multiple Organs Nos

Multiple Organs Nos

Infarct, Nos

Fibrosis

Inflammation, Chronic

Nephropathy

Inflammation, Chronic

Adenoma, Nos

Ulcer, Nos

Congestion, Nos

Edema, Nos

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_283

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Inflammation, Chronic
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_284

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small  
Kidney

Medulla  
Myocardium Nos  
Mesentery Nos  
Cortex

Liver  
Lung  
Lymph node

Mediastinal Lymph Node  
Mediastinal Lymph Node

Mammary gland  
Ovary  
Spleen  
Uterus

Follicle

Pheochromocytoma  
Inflammation, Chronic Diffuse  
Endometrial Stromal Sarcoma, Invasive  
Cyst, Nos  
Nephropathy  
Focal Cellular Change  
Inflammation, Chronic  
Erythrophagocytosis  
Pigmentation, Nos  
Fibroadenoma  
Hyperplasia, Nos  
Hematopoiesis  
Endometrial Stromal Sarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_285

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Cortex Nos  
Myocardium Nos

Metamorphosis, Fatty  
Inflammation, Chronic Focal  
Nephropathy

Liver  
Lung  
Mammary gland

Tubule  
Bile Duct

Pigmentation, Nos  
Hyperplasia, Nos  
Inflammation, Chronic

Pituitary gland  
Spleen  
Thyroid

Anterior Pituitary

Dilatation, Ducts  
Adenoma, Nos  
Pigmentation, Nos  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_286

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone	Sternum	Exostosis
Heart	Myocardium Nos	Neurofibrosarcoma
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas		Atrophy, Focal
		Hemorrhage
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Inflammation, Acute Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_287

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Necrosis, Focal
		Neoplastic Nodule
Lung		Inflammation, Chronic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Pigmentation, Nos
Uterus	Cervix Uteri	Fibrosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_288

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Sternum	Exostosis
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Mammary gland		Adenocarcinoma, Nos
		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Cystic Follicles
Unspecified	Neck	Fibrosarcoma
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_289

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Necrosis, Focal
	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Necrosis, Focal
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
Lymph node	Mesenteric Lymph Node	Erythrophagocytosis
	Pancreatic Lymph Node	Hyperplasia, Lymphoid
	Pancreatic Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Hemorrhagic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_290

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
		Neoplastic Nodule
Mammary gland		Dilatation, Ducts
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_291

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Congestion, Nos

Kidney

Degeneration, Nos

Liver

Congestion, Nos

Lung

Nephropathy

Stomach

Congestion, Nos

Unspecified

Hernia, Nos

Inflammation, Chronic

Ulcer, Nos

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_292

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland  
Kidney

Tubule

Liver  
Lung  
Mammary gland

Pancreas  
Pituitary gland  
Spleen

Anterior Pituitary

Carcinoma, Nos  
Nephropathy  
Pigmentation, Nos  
Focal Cellular Change  
Inflammation, Chronic  
Adenocarcinoma, Nos  
Fibroadenoma  
Atrophy, Focal  
Adenoma, Nos  
Hematopoiesis  
Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_293

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_294

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Hernia, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_295

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Focal  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Focal Cellular Change  
Hepatitis, Toxic

Lung

Pancreas

Inflammation, Chronic

Pituitary gland

Atrophy, Focal

Unspecified

Anterior Pituitary

Adenoma, Nos

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_296

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Clitoral gland

Metamorphosis, Fatty

Heart

Myocardium Nos

Dilatation, Ducts

Kidney

Tubule

Inflammation, Chronic Diffuse

Nephropathy

Liver

Pigmentation, Nos

Lung

Focal Cellular Change

Lymph node

Mesenteric Lymph Node

Inflammation, Chronic

Mammary gland

Hyperplasia, Reticulum Cell

Dilatation, Ducts

Pancreas

Fibroadenoma

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Spleen

Adenoma, Nos

Hematopoiesis

Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_297

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Periadrenal Tissue	Fibrosis
	Cortex Nos	Necrosis, Focal
Heart		Mineralization
	Atrium	Thrombosis, Nos
Intestine Small	Mesentery Nos	Fibrosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Trachea	Lumen	Foreign Body, Nos
		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Congestion, Nos
	Multiple Organs Nos	Mesothelioma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_298

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Lung

Lymph node

Mammary gland

Pituitary gland

Unspecified

Uterus

Mandibular Lymph Node

Anterior Pituitary

Multiple Organs Nos

Endometrium

Nephropathy

Focal Cellular Change

Metamorphosis, Fatty

Inflammation, Chronic

Hyperplasia, Lymphoid

Dilatation, Ducts

Fibroadenoma

Adenoma, Nos

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_299

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Focal
Unspecified	Multiple Organs Nos	Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_300

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Focal Cellular Change Granuloma, Nos Neoplastic Nodule
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Skin	Back	Squamous Cell Papilloma
Spleen		Pigmentation, Nos
Thyroid		C-Cell Adenoma
Uterus	Cervix Uteri	Follicular-Cell Carcinoma Abscess, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_151

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone	Sternum	Exostosis
Liver		Necrosis, Focal
Lung		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_152

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_153

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hernia, Nos
Lung		Inflammation, Chronic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Pigmentation, Nos
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_154

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hernia, Nos
Lung		Hematoma, Organized
		Inflammation, Chronic
		Liposarcoma, Metastatic
		Necrosis, Focal
Lymph node	Mediastinal Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Hemorrhagic
Spleen		Hyperplasia, Reticulum Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Hydrometra
	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_155

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Inflammation, Chronic
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Adenoma, Nos
		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_156

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Degeneration, Nos

Synechia, Posterior

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Tubule

Nephropathy

Pigmentation, Nos

Lung

Congestion, Nos

Inflammation, Chronic

Mammary gland

Dilatation, Ducts

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_157

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Sternum	Exostosis
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_158

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Focal Cellular Change

Granuloma, Nos

Hernia, Nos

Leukocytosis, Nos

Pigmentation, Nos

Lung

Inflammation, Chronic

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

Spleen

Hematopoiesis

Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_159

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Skull	Exostosis
Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hyperplasia, Reticulum Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_160

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Astrocytoma
Liver		Hepatitis, Toxic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_161

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen		Pigmentation, Nos
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_162

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye		Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_163

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Pigmentation, Nos
Spleen	Follicles	Atrophy, Nos
		Pigmentation, Nos
Stomach	Glandular Stomach	Necrosis, Focal
Uterus		Endometrial Stromal Polyp
		Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_164

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Cornea	Inflammation, Nos Pannus
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Cyst, Nos
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Zymbal gland		Carcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_165

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebellum Nos Cerebrum	Hemorrhage Hemorrhage
Clitoral gland		Carcinoma, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hemorrhage
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Uterus		Congestion, Nos Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_166

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Metamorphosis, Fatty
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Inflammation, Chronic
Pituitary gland		Angiectasis
		Hyperplasia, Focal
Stomach		Amyloidosis
Thyroid		Hyperplasia, C Cell
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_167

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
		Pigmentation, Nos
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_168

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Uterus		Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_169

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Chronic

Lymph node

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Mammary gland

Fibroadenoma

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_170

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Eye

Cataract

Retina

Degeneration, Nos

Heart

Myocardium Nos

Inflammation, Chronic Diffuse

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Hepatitis, Toxic

Pancreas

Atrophy, Diffuse

Ectopia

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_171

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Neoplastic Nodule
		Pigmentation, Nos
Lung		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_172

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone  
Kidney  
Liver  
Mammary gland

Sternum

Exostosis  
Nephropathy  
Hepatitis, Toxic  
Dilatation, Ducts  
Fibroadenoma

Tongue  
Unspecified  
Uterus

Multiple Organs Nos

Hyperkeratosis  
Leukemia, Mononuclear Cell  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_173

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Lung

Focal Cellular Change

Lymph node

Inflammation, Chronic

Mammary gland

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Dilatation, Ducts

Fibroadenoma

Galactocele

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hematopoiesis

Pigmentation, Nos

Uterus

Endometrial Stromal Polyp

Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_174

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Lung

Inflammation, Chronic

Lymph node

Mediastinal Lymph Node

Erythrophagocytosis

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Spleen

Hematopoiesis

Thyroid

Pigmentation, Nos

C-Cell Adenoma

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_175

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
		Metamorphosis, Fatty
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_176

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye	Cornea	Inflammation, Acute
Liver	Bile Duct	Fibrosis
		Hepatitis, Toxic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
Salivary gland		Atrophy, Focal
		Fibrosis, Diffuse
Unspecified	Head	Carcinoma, Nos, Invasive
	Multiple Organs Nos	Leukemia, Mononuclear Cell
Zymbal gland		Carcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_177

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_178

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Retina	Cataract Degeneration, Nos Hemorrhage Synechia, Posterior
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Focal Cellular Change Granuloma, Nos
Lung		Inflammation, Chronic Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_179

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hernia, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Edema, Nos
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_180

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Congestion, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		C-Cell Carcinoma
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_181

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skin	Back	Basal-Cell Carcinoma
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_182

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Neoplastic Nodule
Lung		Inflammation, Chronic
		Inflammation, Focal
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mediastinal Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_183

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_184

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Carcinoma, Nos

Inflammation, Suppurative

Liver

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_185

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hepatocytomegaly
		Necrosis, Focal
		Neoplastic Nodule
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_186

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Diffuse
	Myocardium Nos	Mineralization
Kidney		Nephropathy
Liver		Hepatitis, Toxic
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Spleen		Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_187

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Brain	Cerebellum Nos	Hemorrhage
	Cerebrum	Hemorrhage
	Cerebellum Nos	Necrosis, Focal
Kidney		Nephropathy
Liver		Hepatitis, Toxic
Pancreas		Atrophy, Focal
Stomach	Glandular Stomach	Acanthosis
	Glandular Stomach	Hyperkeratosis
	Glandular Stomach	Inflammation, Chronic Diffuse
	Glandular Stomach	Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_188

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Depletion, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach	Forestomach	Hemorrhage
	Glandular Stomach	Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_189

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic
	Centrilobular	Necrosis, Coagulative
Lung		Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Galactocele
Unspecified	Multiple Organs Nos	Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_190

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye

Retina

Cataract

Degeneration, Nos

Hemorrhage

Synechia, Posterior

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Nephropathy

Pigmentation, Nos

Liver

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Chronic

Lymph node

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Ovary

Cyst, Nos

Spleen

Hematopoiesis

Pigmentation, Nos

Uterus

Cervix Uteri

Fibrosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_191

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Leukocytosis, Nos
Lung		Inflammation, Chronic
		Liposarcoma, Metastatic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_192

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
		Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Pancreatic Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hyperplasia, Reticulum Cell
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_193

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Necrosis, Focal
Uterus	Cervix Uteri	Cyst, Nos
	Cervix Uteri	Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_194

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
		Inflammation, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mandibular Lymph Node	Lymphangiectasis
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
Zymbal gland		Carcinoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_195

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
		Hyperplasia, Reticulum Cell
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_196

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Lymph node

Mesenteric Lymph Node

Pigmentation, Nos

Mammary gland

Hyperplasia, Reticulum Cell

Pancreas

Dilatation, Ducts

Pituitary gland

Anterior Pituitary

Fibroadenoma

Salivary gland

Atrophy, Diffuse

Unspecified

Multiple Organs Nos

Adenoma, Nos

Inflammation, Chronic

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_197

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Nephropathy

Liver

Tubule

Pigmentation, Nos

Focal Cellular Change

Granuloma, Nos

Hepatocellular Carcinoma

Lung

Metamorphosis, Fatty

Spleen

Inflammation, Chronic

Thyroid

Hematopoiesis

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55287

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decabromodiphenyl oxide

CAS Number: 1163-19-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:10:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_198

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Blood vessel	Mesenteric Artery Nos	Inflammation, Chronic
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Mineralization
		Nephropathy
Liver		Congestion, Nos
		Focal Cellular Change
		Leukocytosis, Nos
Lung		Congestion, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Pigmentation, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Chronic Diffuse
	Forestomach	Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_199

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain	Cerebrum	Carcinoma, Nos, Invasive
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
Liver		Congestion, Nos
		Metamorphosis, Fatty
Lung		Congestion, Nos
		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_200

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
		Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_051

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
	Mesenteric Lymph Node	Pigmentation, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Pigmentation, Nos
Unspecified		Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C55287

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decabromodiphenyl oxide

CAS Number: 1163-19-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:10:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_052

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Congestion, Nos Hyperplasia, Focal Metamorphosis, Fatty
Clitoral gland		Abscess, Nos Carcinoma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Focal Cellular Change Hernia, Nos Metamorphosis, Fatty Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node Mesenteric Lymph Node Pancreatic Lymph Node	Depletion, Lymphoid Lymphangiectasis Pigmentation, Nos Pigmentation, Nos
Mammary gland		Dilatation, Ducts Papillary Cystadenocarcinoma Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Hemorrhagic
Spleen		Depletion, Lymphoid Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_053

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Congestion, Nos

Heart

Cortex Nos

Metamorphosis, Fatty

Intestine Large

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Cecum, Colon

Hemorrhage

Cecum, Colon

Necrosis, Focal

Liver

Tubule

Nephropathy

Lung

Pigmentation, Nos

Focal Cellular Change

Lymph node

Mediastinal Lymph Node

Inflammation, Chronic

Erythrophagocytosis

Mammary gland

Mesenteric Lymph Node

Hyperplasia, Reticulum Cell

Mesenteric Lymph Node

Lymphangiectasis

Mediastinal Lymph Node

Pigmentation, Nos

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_054

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Medulla  
Myocardium Nos

Pheochromocytoma  
Inflammation, Chronic Diffuse  
Nephropathy

Liver  
Lung

Tubule

Pigmentation, Nos  
Focal Cellular Change  
Inflammation, Chronic

Lymph node  
Pituitary gland

Mesenteric Lymph Node  
Anterior Pituitary

Hyperplasia, Reticulum Cell  
Adenoma, Nos

Spleen  
Stomach

Forestomach  
Forestomach  
Forestomach

Pigmentation, Nos  
Acanthosis  
Inflammation, Chronic Focal  
Necrosis, Focal  
Follicular-Cell Adenoma

Thyroid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:00

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_055

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Congestion, Nos Metamorphosis, Fatty
Brain	Medulla	Pheochromocytoma Hemorrhage Necrosis, Nos
Kidney		Congestion, Nos Nephropathy
Liver		Congestion, Nos Hernia, Nos
Lung	Bile Duct	Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Congestion, Nos Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Fibroadenoma
Spleen	Capsule	Hyperplasia, Focal
Stomach		Inflammation, Nos
Unspecified	Multiple Organs Nos	Ulcer, Nos
Urinary bladder		Leukemia, Mononuclear Cell Distention

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_056

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Hepatocytomegaly
Lung		Metamorphosis, Fatty
		Inflammation, Chronic
		Inflammation, Focal
Lymph node	Mediastinal Lymph Node	Hyperplasia, Reticulum Cell
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Adenocarcinoma, Nos
		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_057

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_058

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Chronic
		Inflammation, Multifocal
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Thyroid		C-Cell Adenoma
Uterus	Cervix Uteri	Fibrosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_059

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Pituitary gland

Spleen

Thyroid

Myocardium Nos

Tubule

Mesenteric Lymph Node

Anterior Pituitary

Anterior Pituitary

Cortical Adenoma

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Granuloma, Nos

Inflammation, Chronic

Inflammation, Focal

Pigmentation, Nos

Hyperplasia, Reticulum Cell

Adenoma, Nos

Cyst, Nos

Pigmentation, Nos

Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_060

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hernia, Nos
		Metamorphosis, Fatty
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_061

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Esophagus

Hyperkeratosis

Eye

Cataract

Heart

Myocardium Nos

Inflammation, Chronic Diffuse

Liver

Hepatitis, Toxic

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_062

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Sternum	Exostosis
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hematopoiesis
Lung		Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic
Mammary gland		Hyperplasia, Reticulum Cell
		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Fibroadenoma
Spleen		Cyst, Nos
Thyroid		Hematopoiesis
		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell
		Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_063

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Pigmentation, Nos
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_064

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Brain		Carcinoma, Nos, Invasive Hemorrhage
Heart	Myocardium Nos	Fibrosis
Liver	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma Galactocele
Pituitary gland	Anterior Pituitary	Angiectasis Carcinoma, Nos Hemorrhage
Unspecified	Multiple Organs Nos Multiple Organs Nos	Congestion, Nos Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_065

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Accessory Structure Cortical Adenoma
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Granuloma, Nos Leukocytosis, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node Mesenteric Lymph Node Mediastinal Lymph Node	Erythrophagocytosis Hyperplasia, Reticulum Cell Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Cyst, Nos Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_066

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Heart

Kidney

Liver

Lung

Pituitary gland

Spleen

Uterus

Myocardium Nos

Tubule

Anterior Pituitary

Carcinoma, Nos

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Angiectasis

Focal Cellular Change

Inflammation, Chronic

Cyst, Nos

Pigmentation, Nos

Hydrometra

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_067

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
		Hernia, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Ovary		Granulosa-Cell Tumor
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_068

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Abscess, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp
		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_069

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Pituitary gland

Unspecified

Uterus

Myocardium Nos

Mediastinal Lymph Node

Mesenteric Lymph Node

Anterior Pituitary

Multiple Organs Nos

Cortical Adenoma

Inflammation, Chronic Diffuse

Nephropathy

Focal Cellular Change

Inflammation, Chronic

Depletion, Lymphoid

Hyperplasia, Reticulum Cell

Dilatation, Ducts

Cyst, Nos

Pigmentation, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_070

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Sternum	Exostosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_071

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
Lung		Abscess, Nos
Pituitary gland	Anterior Pituitary	Pigmentation, Nos
Stomach	Glandular Stomach	Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Abdominal Cavity	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_072

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Sternum	Exostosis
Eye		Cataract
		Synechia, Posterior
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Inflammation, Chronic
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_073

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Tubule	Nephropathy
Liver		Pigmentation, Nos
		Fibrosis, Focal
		Focal Cellular Change
		Granuloma, Nos
		Hemorrhage
		Metamorphosis, Fatty
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pancreas		Atrophy, Focal
Spleen		Pigmentation, Nos
Stomach	Serosa	Sarcoma, Nos, Metastatic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	Pyometra
		Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_074

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Congestion, Nos

Heart

Myocardium Nos

Inflammation, Chronic Focal

Kidney

Tubule

Pigmentation, Nos

Lung

Inflammation, Chronic

Mammary gland

Dilatation, Ducts

Pituitary gland

Anterior Pituitary

Fibroadenoma

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Hemorrhage

Uterus

Cervix Uteri

Leukemia, Mononuclear Cell

Fibrosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_075

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Mesenteric Artery Nos	Inflammation, Chronic
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Small	Ileum	Diverticulum
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Inflammation, Chronic
		Metamorphosis, Fatty
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Pigmentation, Nos
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_076

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Small	Ileum, Ileum	Leiomyosarcoma
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
		Inflammation, Chronic
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_077

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Inflammation, Chronic
		Necrosis, Focal
		Pigmentation, Nos
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen		Pigmentation, Nos
Uterus		Fibrosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_078

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Sternum	Exostosis
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Neoplastic Nodule
Lung		Inflammation, Chronic
		Inflammation, Multifocal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Ovary		Cyst, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Cervix Uteri	Fibrosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_079

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Spleen		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_080

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Cataract
		Degeneration, Nos
		Synechia, Posterior
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Spleen		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_081

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
		Inflammation, Multifocal
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Skin	Head	Acanthosis
	Sebaceous Gland	Hyperplasia, Focal
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Uterus	Cervix Uteri	Fibrosis
	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_082

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone	Vertebra	Osteosarcoma
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node	Renal Lymph Node	Hemorrhage
	Renal Lymph Node	Pigmentation, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_083

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Focal Cellular Change
		Granuloma, Nos
		Hernia, Nos
	Bile Duct	Inflammation, Chronic
		Pigmentation, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_084

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Leukocytosis, Nos
		Pigmentation, Nos
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Leg	Lipoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_085

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Cortex Nos  
Myocardium Nos

Metamorphosis, Fatty  
Inflammation, Chronic Focal  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Focal Cellular Change  
Granuloma, Nos  
Metamorphosis, Fatty  
Pigmentation, Nos

Lung  
Lymph node  
Mammary gland  
Pancreas  
Pituitary gland  
Spleen

Mesenteric Lymph Node

Inflammation, Chronic  
Hyperplasia, Reticulum Cell  
Dilatation, Ducts  
Atrophy, Focal

Thyroid

Anterior Pituitary

Adenoma, Nos  
Hematopoiesis  
Pigmentation, Nos  
Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_086

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Pituitary gland

Spleen

Uterus

Myocardium Nos

Tubule

Mesenteric Lymph Node

Anterior Pituitary

Cortical Adenoma

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Inflammation, Chronic

Hyperplasia, Reticulum Cell

Cyst, Nos

Pigmentation, Nos

Endometrial Stromal Polyp

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_087

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Cerebrum	Astrocytoma
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hernia, Nos
		Hyperplasia, Nos
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_088

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Sternum	Exostosis
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
		Leukocytosis, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		C-Cell Adenoma
Uterus		Hydrometra

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_089

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Inflammation, Chronic
		Leukocytosis, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Spleen		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Eyelid	Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_090

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Pigmentation, Nos
Stomach	Forestomach	Acanthosis
	Forestomach	Inflammation, Chronic Focal
	Forestomach	Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp
	Cervix Uteri	Fibrosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_091

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_092

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Erythrophagocytosis
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
	Mediastinal Lymph Node	Pigmentation, Nos
Mammary gland		Dilatation, Ducts
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_093

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatitis, Toxic
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
	Glandular Stomach	Necrosis, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_094

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Inflammation, Chronic
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Angiectasis
		Hyperplasia, Focal
Stomach	Glandular Stomach	Ulcer, Nos
Unspecified		Sarcoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_095

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye

Cataract

Mammary gland

Dilatation, Ducts

Fibroadenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_096

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart	Myocardium Nos	Fibrosarcoma, Metastatic
	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatocytomegaly
		Leukocytosis, Nos
		Metamorphosis, Fatty
		Pigmentation, Nos
Lung		Fibrosarcoma, Metastatic
		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Necrosis, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Neck	Fibrosarcoma
	Adipose Tissue	Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_097

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Dilatation, Ducts

Eye

Fibrosis, Diffuse

Heart

Myocardium Nos

Hyperplasia, Nos

Liver

Inflammation, Acute Focal

Lung

Phthisis Bulbi

Mammary gland

Inflammation, Chronic Diffuse

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Spleen

Leukocytosis, Nos

Stomach

Forestomach

Inflammation, Chronic

Uterus

Cervix Uteri

Dilatation, Ducts

Cyst, Multiple

Hematopoiesis

Necrosis, Focal

Endometrial Stromal Sarcoma

Fibrosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_098

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Carcinoma, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic Diffuse
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Lung		Inflammation, Chronic
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Decabromodiphenyl oxide  
**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 16:10:01  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_099

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Eye	Retina	Cataract Degeneration, Nos Synechia, Posterior
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver		Focal Cellular Change Pigmentation, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts Fibroadenoma
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55287

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decabromodiphenyl oxide

**CAS Number:** 1163-19-5

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 16:10:01

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_100

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Leukocytosis, Nos
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Mammary gland		Dilatation, Ducts
		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

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

\* PROTOCOL REQUIRED TISSUE