

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**C Number:** C88120B  
**Lock Date:** 08/11/1998  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** 09/28/1999

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 734 <b>HISTO:</b> 9800001
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Kidney	Renal Tubule	Cyst	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Mild
* Preputial Gland		Cyst Inflammation	Mild Chronic Active, Minimal
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 4-4 ]			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 734 <b>HISTO:</b> 9800002
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex Harderian Gland [ Adenoma TGLS = 1-9 ]	Subcapsular	Hyperplasia Adenoma	Minimal
* Kidney Oral Mucosa	Gingival	Nephropathy Inflammation Ulcer Cyst	Minimal Chronic, Minimal Minimal Moderate
* Preputial Gland [ Cyst TGLS = 2-8 ]		Atrophy	Moderate

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 30 <b>HISTO:</b> 9800003
---------------------	--------------------------------------	--	---

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	--------------------------	-----------------

---

**OBSERVATIONS**

* Spleen	Lymph Follic	Atrophy	Marked
* Thymus		Atrophy	Mild

---

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 9800004
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemorrhage	Mild
		Hepatocellular Adenoma	
		Necrosis	Focal, Minimal

---

[ Hepatocellular Adenoma TGLS = 1-9 ]

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 9800005
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland		
-----------------	---------------------	--	--

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> 9800006
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3,4-3 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Chronic Active, Minimal

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800007

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 1-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Testes	Germinal Epith	Atrophy	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 734 <b>HISTO:</b> 9800008
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Mast Cell Tumor Malignant	
		Necrosis	Moderate
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Intestine Large, Colon		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
* Islets, Pancreatic		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
* Kidney		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
		Nephropathy	Minimal
* Liver		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
* Lymph Node, Mesenteric		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
		Ulcer	Minimal
* Pancreas	Acinus	Hypertrophy	Focal, Minimal
* Skin	Subcut Tiss	Mast Cell Tumor Malignant	
* Spleen		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
* Stomach, Forestomach		Inflammation	Suppurative, Minimal
		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
* Stomach, Glandular		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800008

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH	-
------------------------	---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> 9800009
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Suppurative, Focal, Minimal
		Tension Lipidosis	
[ Tension Lipidosis TGLS = 2-3 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal
		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800010

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 1  
**DOSE:** 0 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 735  
**HISTO:** 9800011

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-10 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 12      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 691  
**DOSE:** 0 PPM      **DISP:** Moribund Sacrifice      **HISTO:** 9800012

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Ectasia	Moderate
[ Ectasia TGLS = 3-5 ]			
* Nose	Sinus	Inflammation	Suppurative, Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 13

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 631

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** 9800013

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Thymus
---------------	-----------------	---------------------	----------

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 1,2,3-9+4+5 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Preputial Gland		Inflammation	Suppurative, Moderate
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 9800014
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Minimal

---

[ Inflammation TGLS = 1-8 ]

---

PRIMARY CAUSE OF DEATH

---

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800015

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]	Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Erythrophagocytosis	Mild
		Hematopoietic Cell Proliferation	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Cyst	Mild
		Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 3-4 ]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800015

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 693 <b>HISTO:</b> 9800016
----------------------	--------------------------------------	--	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
------------------	-------------------	-----------------	---------------------

---

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 4-9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 3-8 ]			
* Thymus		Atrophy	Moderate

---

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> 9800017
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 18

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800018

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Suppurative, Focal, Mild
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Minimal
* Nose	Sinus	Inflammation	Suppurative, Mild
	Turbinates	Inflammation	Suppurative, Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Moderate
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 1-8 ]		
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 19

**TRT#:** 1  
**DOSE:** 0 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 733  
**HISTO:** 9800019

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Hepatocellular Adenoma Tension Lipidosis	
		[ Clear Cell Focus TGLS = 4-4 ]	
		[ Hepatocellular Adenoma TGLS = 3-9 ]	
		[ Tension Lipidosis TGLS = 5-3 ]	
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Minimal
		[ Cyst TGLS = 1-8 ]	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800020

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal

[ Cyst TGLS = 1-8 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800021

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
		Cyst	Moderate

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 22

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800022

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Vein	Mineralization	Minimal
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Moderate
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 24	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 649 <b>HISTO:</b> 9800024
----------------------	--------------------------------------	--	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

---

**OBSERVATIONS**

* Heart		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-9 ]			

---

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 25	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800025

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

---

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[ Alveolar/Bronchiolar Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 26

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800026

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
		Hypertrophy	Focal, Minimal
* Intestine Small, Duodenum	Epithelium	Necrosis	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
		Inflammation	Suppurative, Moderate
	[ Inflammation TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800027

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 28	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 734 <b>HISTO:</b> 9800028
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 2-10 ]			
Mesentery		Inflammation	Granulomatous, Marked
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
Ureter		Cyst	Moderate
[ Cyst TGLS = 1-9 ]			

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> 9800029
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus	Multiple
[ Clear Cell Focus TGLS = 2,3-4+9 ]			
[ Eosinophilic Focus TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 30

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800030

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-3 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 1-8 ]		
* Thymus		Cyst	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 31

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** 9800031

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Mineralization	Minimal
	Atrium	Thrombosis	Minimal
* Liver	Centrilobular	Necrosis	Moderate
	[ Necrosis TGLS = 1-4+5 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

- Liver Centrilobular Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 32

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800032

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocellular Carcinoma	
		[ Eosinophilic Focus TGLS = 5-5 ]	
		[ Hepatocellular Carcinoma TGLS = 4-9 ]	
Mesentery	Fat	Necrosis	Minimal
		[ Necrosis TGLS = 6-8 ]	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild
		[ Cyst TGLS = 1-8 ]	
		[ Inflammation TGLS = 2-8 ]	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
		[ Hematopoietic Cell Proliferation TGLS = 3-4 ]	
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 32

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800032

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800033

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Chronic Active, Minimal

---

[ Cyst TGLS = 1-8 ]

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 34

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800034

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal Focal, Minimal
* Skin	Sebaceous GI	Hyperplasia	Mild

[ Hyperplasia TGLS = 1-9 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 35

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800035

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Mild
	[ Cyst TGLS = 1-8 ]	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 36

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800036

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Lymphoma Malignant	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus Eosinophilic Focus Hepatocellular Adenoma Infarct Inflammation Mixed Cell Focus	Multiple Multiple Mild Suppurative, Focal, Minimal
		[ Eosinophilic Focus TGLS = 5-5 ]	
		[ Hepatocellular Adenoma TGLS = 4,6-10 ]	
		[ Infarct TGLS = 3-9 ]	
Lymph Node	Mediastinal Pancreatic Renal	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 10-9 ]	
		[ Lymphoma Malignant TGLS = 7,8-11 ]	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800036

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 9-5 ]		Lymphoma Malignant	
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Minimal
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst Inflammation	Moderate Chronic Active, Minimal
* Spleen [ Lymphoma Malignant TGLS = 2-4 ]		Lymphoma Malignant	
* Thymus		Atrophy	Mild

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 37

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800037

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Suppurative, Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Suppurative, Moderate
[ Inflammation TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 734 <b>HISTO:</b> 9800038
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Hypertrophy	Focal, Minimal
* Liver		Nephropathy	Minimal
[ Hemangiosarcoma TGLS = 2-4 ]		Hemangiosarcoma	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 550

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** 9800039

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
Oral Mucosa	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Mineralization	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

**PRIMARY CAUSE OF DEATH** - Lymph Node, Mesenteric Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800040

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800041

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric	Vein	Ectasia	Moderate
Note: Best diagnosis for mesenteric lymph node was sinus dilatation, but that diagnosis was unavailable. [ Ectasia TGLS = 1-5 ]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 42

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800042

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Hypertrophy Nephropathy	Minimal Focal, Moderate Focal, Minimal Minimal
* Kidney		Alveolar/Bronchiolar Adenoma	
* Lung	Gingival	Inflammation	Chronic, Minimal
Oral Mucosa		Cyst	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 666
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9800043

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

---

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Nose	Turbinates	Inflammation	Suppurative, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen	Lymph Follicle	Atrophy	Mild

---

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 44

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800044

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800045

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800046

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Hypertrophy Adenoma	Minimal Focal, Minimal Focal, Minimal
Harderian Gland [ Adenoma TGLS = 1-9 ]	Bilateral		
* Kidney		Nephropathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 4-4 ]		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular [ Hyperplasia TGLS = 3-2 ]		Hyperplasia	Plasma Cell, Marked
* Preputial Gland [ Cyst TGLS = 2-8 ]		Cyst Inflammation	Moderate Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800047

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal

---

[ Cyst TGLS = 1-8 ]

---

PRIMARY CAUSE OF DEATH

---

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 48

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800048

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Ulcer	Mild
[ Ulcer TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 49

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800049

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Tension Lipidosis	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 661
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9800050

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
--------------------------	-----------------	----------

---

**OBSERVATIONS**

* Kidney		Metaplasia	Osseous, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]			
* Nose	Turbinate	Inflammation	Suppurative, Minimal
* Spleen	Lymph Follic	Atrophy	Marked

---

**PRIMARY CAUSE OF DEATH** - Lung Alveolar/Bronchiolar Carcinoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 51	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800051

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Minimal
[ Inflammation TGLS = 1-8 ]			
* Thymus		Cyst	Mild

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 52

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800052

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 53

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800053

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Mixed Cell Focus	
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Parathyroid Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 54

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800054

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 55

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800055

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 3-9 ]	
		[ Hepatocellular Carcinoma TGLS = 2-9 ]	
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
		[ Cyst TGLS = 1-8 ]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 56

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800056

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Eosinophilic Focus Hypertrophy	Minimal
[ Eosinophilic Focus TGLS = 2-5 ]			
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Mild
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 57

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800057

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Alveolar Epith	Hyperplasia	Focal, Minimal
[ Necrosis TGLS = 2-9 ]	Fat	Necrosis	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]		Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 58

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800058

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
		Hyperplasia	Focal, Minimal
* Bone Marrow		Hemangioma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Necrosis	Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 2-8 ]		
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 59

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800059

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Hyperplasia	Marked
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 60

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800060

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 3 <b>DOSE:</b> 30 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 9800061
----------------------	---------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Atrophy Hyperplasia Hypertrophy Hyperplasia	Minimal Minimal Focal, Minimal Minimal
* Islets, Pancreatic		Nephropathy	Minimal
* Kidney	Gingival	Inflammation	Chronic, Minimal
Oral Mucosa		Ulcer	Mild
* Thymus		Atrophy Cyst	Minimal Moderate

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 62

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800062

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Minimal
	[ Eosinophilic Focus TGLS = 2-9 ]		
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 63	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 712
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9800063

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Mast Cell Tumor Malignant	
* Intestine Small, Duodenum		Polyp Adenomatous	
* Kidney		Nephropathy	Minimal
* Nose		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Moderate

---

**PRIMARY CAUSE OF DEATH** - Bone Marrow Mast Cell Tumor Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 3 <b>DOSE:</b> 30 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> 9800064
----------------------	---------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland		Cyst	Moderate
* Thymus		Atrophy	Mild

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 65

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800065

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland		
-----------------	---------------------	--	--

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 66

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800066

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 67

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800067

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus Clear Cell Focus	
	Centrilobular	Hypertrophy	Minimal
	[ Basophilic Focus TGLS = 2-9 ]		
	[ Clear Cell Focus TGLS = 3-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-3 ]		
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 67

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800067

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 68

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800068

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
		Inflammation	Suppurative, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen		Lymphoma Malignant	
* Thymus		Atrophy	Minimal
		Cyst	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 69

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 718

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800069

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	Oral Mucosa
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Adenoma	
		Hyperplasia	Minimal
		Hyperplasia	Focal, Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]		
* Nose	Turbinates	Inflammation	Suppurative, Mild
* Spleen	Lymph Follicles	Atrophy	Marked
* Testes		Fibrosis	Focal, Mild
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 70

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800070

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Cyst	Mild
		Nephropathy	Minimal
[ Cyst TGLS = 1-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 71

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800071

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Gallbladder	* Mammary Gland
---------------	-----------------

**OBSERVATIONS**

* Liver		Basophilic Focus Hepatocellular Carcinoma	
	[ Basophilic Focus TGLS = 3-4 ]		
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Pancreas		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 72

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800072

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Minimal
	[ Hepatocellular Adenoma TGLS = 1-9+3 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 73

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800073

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen		Hemangiosarcoma	
* Testes	Germinal Epith	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 74                      **TRT#:** 3                      **SEX:** Male                      **DAY ON TEST:** 735  
**DOSE:** 30 PPM                      **DISP:** Terminal Sacrifice                      **HISTO:** 9800074

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 2-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 75

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800075

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 76

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800076

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Eosinophilic Focus Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Moderate
* Preputial Gland		Cyst Inflammation Inflammation	Moderate Chronic Active, Minimal Suppurative, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Cyst	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 77

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800077

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Tension Lipidosis	
		[ Hepatocellular Adenoma TGLS = 1-9 ]	
* Lung		Hemorrhage	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Minimal
		Inflammation	Chronic Active, Minimal
		[ Cyst TGLS = 2-8 ]	
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 78

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800078

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 1-5 ]		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2-7 ]		
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 3 <b>DOSE:</b> 30 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 733 <b>HISTO:</b> 9800079
----------------------	---------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Thymus		Atrophy	Marked

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 80	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800080

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Marked

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 81

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800081

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Granulomatous, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 82

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800082

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Hypertrophy	Minimal
[ Clear Cell Focus TGLS = 1-5 ]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 83

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800083

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Cyst Nephropathy	Moderate Minimal
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 84	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800084

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]		
* Preputial Gland	Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 1-8 ]		
* Thymus	Atrophy	Mild
	Cyst	Moderate

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800085

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[ Eosinophilic Focus TGLS = 2-4 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1,3-9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Pituitary Gland		Cyst	Moderate
* Thymus		Atrophy	Marked

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 86

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800086

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney	Renal Tubule	Cyst Nephropathy	Moderate Minimal
[ Cyst TGLS = 3-9 ]			
* Liver	Bile Duct Centrilobular	Cyst Hypertrophy	Moderate Minimal
[ Cyst TGLS = 1-9 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 87

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800087

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
	[ Eosinophilic Focus TGLS = 1-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 88

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800088

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800089

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Centrilobular	Hypertrophy	Minimal
		Mixed Cell Focus	Multiple
	[ Hepatocellular Adenoma TGLS = 1,2-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
* Thymus		Atrophy	Moderate

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 90

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800090

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Granulomatous, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Pancreas		Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800091

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Pelvis	Inflammation	Chronic Active, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 92	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 652
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9800092

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Degeneration	Marked
[ Degeneration TGLS = 2-9 ]			
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Intestine Small, Jejunum		Congestion	Mild
Note: Intussusception was present in small intestine, but could not be recorded in nomenclature system.			
[ Congestion TGLS = 5-10 ]			
* Kidney		Infarct	Mild
* Lung		Carcinoma	Metastatic (Harderian Gland)
[ Carcinoma TGLS = 4-3 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 3-8 ]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 92

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 652

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800092

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Harderian Gland Carcinoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 93

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 61

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800093

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
Oral Mucosa	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Gallbladder	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas			

**OBSERVATIONS**

* Preputial Gland	Inflammation	Chronic Active, Minimal
* Thymus	Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 3 <b>DOSE:</b> 30 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 565 <b>HISTO:</b> 9800094
----------------------	---------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	Oral Mucosa	* Pancreas
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
	Artery	Inflammation	Chronic, Mild
	Artery, Coron Artery	Thrombosis	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Focal, Minimal
	[ Basophilic Focus TGLS = 4-10 ]		
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]		
* Preputial Gland		Cyst	Mild
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 1-8 ]		
* Prostate		Inflammation	Granulomatous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 94

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 565

**DOSE:** 30 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800094

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 95

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800095

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
Blood Vessel			
Note: Aorta on slide #3.			
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 96

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800096

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung	Alveolar Epith Serosa	Hyperplasia Inflammation	Focal, Mild Chronic, Focal, Minimal
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy Cyst	Minimal Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 97

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800097

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Hypertrophy	Focal, Minimal
* Preputial Gland		Nephropathy	Minimal
		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800098

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 2-5 ]	Peyers Patch	Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Moderate
		Ulcer	Minimal
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 99

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800099

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-10 ]			
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-9 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-4 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 100

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800100

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Centrilobular	Hypertrophy	Minimal
	[ Hepatocellular Carcinoma TGLS = 1,2,3-9+10 ]		
* Nose	Sinus	Inflammation	Chronic, Minimal
	Turbinates	Inflammation	Suppurative, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 101

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800101

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLS = 3-5 ]		
Mesentery	Fat	Necrosis	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 102

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 406

**DOSE:** 100 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800102

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Clear Cell Focus	
		Hypertrophy	Mild
		Tension Lipidosis	
[ Clear Cell Focus TGLS = 2-4 ]			
[ Tension Lipidosis TGLS = 1-3 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 103

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800103

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Heart	Artery	Inflammation	Chronic, Mild
* Kidney		Infarct	Mild
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal

[ Cyst TGLS = 1-8 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 104

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800104

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocellular Adenoma	Multiple
	Centrilobular	Hypertrophy	Mild
	[ Eosinophilic Focus TGLS = 4,5,6,7-10+9+4 ]		
	[ Hepatocellular Adenoma TGLS = 2,3-10+5 ]		
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Inflammation	Suppurative, Mild
	[ Inflammation TGLS = 8-5+11 ]		
* Testes	Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 105

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800105

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 106

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800106

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 107

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800107

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Liver	Centrilobular	Hypertrophy Necrosis	Minimal Focal, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 108

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800108

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hepatodiaphragmatic Nodule	
		Hypertrophy	Mild
		[ Hepatocellular Adenoma TGLS = 2-9 ]	
		[ Hepatodiaphragmatic Nodule TGLS = 3-4 ]	
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
	Bronchus	Inflammation	Suppurative, Minimal
		[ Hyperplasia TGLS = 4-3 ]	
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
		[ Cyst TGLS = 1-8 ]	
* Thymus		Cyst	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 109

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800109

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Pancreas		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 110

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800110

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Nephropathy Clear Cell Focus	Minimal Focal, Minimal Minimal
* Kidney			
* Liver	Centrilobular	Hypertrophy Cyst Inflammation	Mild Moderate Chronic Active, Mild

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 111

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9804801

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Hemorrhage	Minimal
[ Hemorrhage TGLS = 2-7 ]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Centrilobular	Hypertrophy	Minimal
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Testes	Germinal Epith	Atrophy	Minimal
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 112

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800112

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus	
-----------------	---------------------	----------	--

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Mild
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 113

**TRT#:** 5  
**DOSE:** 100 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 733  
**HISTO:** 9800113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
* Epididymis		Granuloma Sperm	Mild
[ Granuloma Sperm TGLS = 3-7 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 114

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800114

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	Oral Mucosa	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
* Thymus	Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 115	<b>TRT#:</b> 5 <b>DOSE:</b> 100 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 15 <b>HISTO:</b> 9800115
-----------------------	--	--	---

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
----------------------	--------------------------	-----------------

---

**OBSERVATIONS**

* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Marked

---

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 116

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800116

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal
		Cyst	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 117      **TRT#:** 5      **SEX:** Male      **DAY ON TEST:** 733  
**DOSE:** 100 PPM      **DISP:** Terminal Sacrifice      **HISTO:** 9800117

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 5-9 ]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Mild
[ Hepatocellular Adenoma TGLS = 4-10 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Pituitary Gland		Cyst	Mild
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-10 ]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
[ Hemangiosarcoma TGLS = 3-4 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 117

**TRT#:** 5  
**DOSE:** 100 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 733  
**HISTO:** 9800117

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 118

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800118

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[ Eosinophilic Focus TGLS = 2-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**                      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 119

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800119

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus Eosinophilic Focus Fatty Change	
	Centrilobular	Hypertrophy	Focal, Mild Minimal
[ Clear Cell Focus TGLS = 1-5 ]			
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Focal, Minimal
[ Hyperplasia TGLS = 2-5 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 120

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800120

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal

[ Cyst TGLS = 1-8 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 121

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800121

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Mild
		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 122

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800122

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Centrilobular	Hypertrophy	Minimal
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 123

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800123

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Moderate
		Ulcer	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 124

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800124

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Lymphoma Malignant	
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 6-9 ]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-9 ]		
	[ Lymphoma Malignant TGLS = 2-10 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-5 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
	[ Cyst TGLS = 4-8 ]		
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 124

**TRT#:** 5  
**DOSE:** 100 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 735  
**HISTO:** 9800124

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus  
[ Lymphoma Malignant TGLS = 3-6 ]

Lymphoma Malignant

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 125

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800125

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy Nephropathy	Focal, Mild Minimal Focal, Minimal Minimal
* Kidney		Eosinophilic Focus	
* Liver	Centrilobular	Hypertrophy Tension Lipidosis	Minimal
[ Eosinophilic Focus TGLS = 1-4 ]			
* Thymus		Atrophy	Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 126

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800126

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 127

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800127

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy Cyst	Mild Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 128

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800128

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Intestine Small, Duodenum	* Mammary Gland
-----------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Focal, Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
[ Eosinophilic Focus TGLS = 1-9 ]			
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 129

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 649

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800129

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Histiocytic Sarcoma	
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 2-4 ]		
* Liver		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 3,4,5-4+5+9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Spleen		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 1-4 ]		

**PRIMARY CAUSE OF DEATH**                      - Spleen    Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 130

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800130

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Cyst	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 131

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800131

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 132

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 513

**DOSE:** 100 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800132

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-4 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 133

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800133

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	Oral Mucosa
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 134

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800134

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Heart		Infiltration Cellular	Lymphocyte, Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 135

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800135

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 136

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 705

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800136

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-6 ]			
* Adrenal Medulla		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-6 ]			
* Bone Marrow		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Prostate		Lymphoma Malignant	
* Spleen	Capsule	Inflammation	Acute, Moderate
[ Lymphoma Malignant TGLS = 2,3-4+9 ]		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 136

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 705

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800136

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Lymphoma Malignant

---

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 137

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800137

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
--------------------------	-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 138

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800138

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 139

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800139

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
-----------------	---------------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 140

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800140

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Centrilobular	Hypertrophy	Minimal
		Necrosis	Focal, Minimal
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Nose	Turbinates	Inflammation	Suppurative, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Parathyroid Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Erosion	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 141

**TRT#:** 5  
**DOSE:** 100 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 735  
**HISTO:** 9800141

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 142

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800142

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 143

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800143

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
* Lung		Erythrophagocytosis	Focal, Mild
[ Erythrophagocytosis TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Focal, Mild
[ Hyperplasia TGLS = 2-10 ]			
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 144

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800144

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Mild
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Atrophy	Moderate
Tooth		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 145

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800145

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Nephropathy	Mild Focal, Minimal
* Kidney		Vacuolization Cytoplasmic	Minimal
* Liver		Alveolar/Bronchiolar Adenoma	Minimal
* Lung		Inflammation	Chronic, Minimal
Oral Mucosa	Gingival	Ulcer	Mild
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Minimal

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 146

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800146

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hepatocellular Adenoma Hypertrophy	Mild
[ Hepatocellular Adenoma TGLS = 1-3 ]			
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Moderate
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 147

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800147

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]		
* Thymus		Atrophy	Minimal
Tongue		Squamous Cell Carcinoma	
	[ Squamous Cell Carcinoma TGLS = 1-9 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 148

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800148

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 149

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 413

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800149

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain	Meninges	Meningioma Malignant	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
		Tension Lipidosis	

**PRIMARY CAUSE OF DEATH**

- Brain Meninges Meningioma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 150

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 151

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800151

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Mild
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
[ Hyperplasia TGLS = 2-3 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 152

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800152

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Moderate
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Pancreas	Acinus	Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 153

**TRT#:** 7  
**DOSE:** 300 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 733  
**HISTO:** 9800153

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hepatocellular Adenoma Hypertrophy	Moderate
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Preputial Gland		Cyst Inflammation Inflammation	Minimal Suppurative, Mild Chronic Active, Minimal
	[ Inflammation TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
Tooth		Malformation	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 154

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800154

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
* Preputial Gland		Cyst	Moderate

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 155

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800155

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hyperplasia	Focal, Minimal Minimal Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy Mixed Cell Focus	Mild
	[ Mixed Cell Focus TGLS = 2-4 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 156

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 702

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800156

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Thymus		
-----------------	----------	--	--

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Centrilobular	Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-4 ]	Hypertrophy	Moderate
* Pancreas		Inflammation	Chronic, Minimal
* Seminal Vesicle		Inflammation	Suppurative, Moderate
* Testes	Germinal Epith	Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 157

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 16

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800157

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Nose	Oral Mucosa	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
--------------------------	-----------------	---------------------

**OBSERVATIONS**

* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 158

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Moderate
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 159

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800159

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 160

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800160

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Mild
	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 161

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 609

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800161

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
-----------------	---------------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Moderate
* Brain		Hemorrhage	Mild
	Cerebrum	Necrosis	Mild
* Kidney	Renal Tubule	Necrosis	Acute, Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Diffuse, Marked
	Centrilobular	Hypertrophy	Moderate
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
	[ Eosinophilic Focus TGLS = 2-4 ]		
	[ Mixed Cell Focus TGLS = 4-13 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-13 ]		
Peripheral Nerve	Axon	Degeneration	Moderate
* Preputial Gland		Inflammation	Suppurative, Minimal
	[ Inflammation TGLS = 1-8 ]		
Skeletal Muscle		Degeneration	Focal, Mild
Note: Denervation atrophy/degeneration in skeletal muscles of entire back.			
Spinal Cord	Axon	Degeneration	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 161	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 609
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9800161

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: Axon degeneration appears confined to spinal nerves in thoracic and lumbar spinal cord sections.

* Spleen	Lymph Follic	Atrophy	Mild
* Stomach, Forestomach [ Hyperplasia TGLS = 5-14 ]		Hyperplasia	Diffuse, Mild
* Testes	Germinal Epith	Atrophy	Minimal
PRIMARY CAUSE OF DEATH	- Liver Fatty Change		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 162

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800162

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Eosinophilic Focus	Minimal Focal, Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 163

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800163

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 164

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800164

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 165

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 369

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800165

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Urinary Bladder			

**MISSING**

* Gallbladder	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Spleen	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 166

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800166

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Mild
* Kidney		Hemangiosarcoma	
		Nephropathy	Minimal
[ Hemangiosarcoma TGLS = 2-4 ]			
* Liver		Clear Cell Focus	
		Hemangiosarcoma	
	Centrilobular	Hepatocellular Adenoma	
[ Hemangiosarcoma TGLS = 1-4 ]		Hypertrophy	Moderate
[ Hepatocellular Adenoma TGLS = 1-4 ]			
Oral Mucosa		Ulcer	Minimal
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 3-4 ]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 167

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800167

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 168

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800168

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 169

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800169

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 170

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone		Fibrosis	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Eosinophilic Focus Hypertrophy	Moderate
[ Eosinophilic Focus TGLS = 2-5 ]		Tension Lipidosis	
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 171

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800171

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy Necrosis	Moderate Focal, Minimal
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 172

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800172

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Intestine Large, Cecum		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 173

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800173

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Pelvis, Transit Epithe	Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Moderate
[ Hepatocellular Adenoma TGLS = 1-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 174

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 379

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800174

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Necrosis	Acute, Mild
* Liver	Centrilobular	Hypertrophy	Moderate
		Necrosis	Focal, Mild
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 175	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 733
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800175

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hypertrophy	Moderate
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 176

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800176

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Vein	Congestion	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 3-10 ]	
		[ Hepatocellular Carcinoma TGLS = 1-9 ]	
* Lung	Bronchus	Foreign Body	
		Hemorrhage	Minimal
		Hepatocellular Carcinoma	Metastatic (Liver)
		[ Hemorrhage TGLS = 2-9 ]	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Moderate
* Testes	Germinal Epith	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 177

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800177

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal Focal, Mild
* Bone Marrow		Mast Cell Tumor Malignant	
* Kidney		Mast Cell Tumor Malignant Nephropathy	Metastatic (Bone Marrow) Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Mast Cell Tumor Malignant	Metastatic (Bone Marrow)

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 178

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800178

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal
* Kidney		Nephropathy	Focal, Minimal Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Minimal Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 179

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Chronic, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]	Hyperplasia	Focal, Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 180

**TRT#:** 7  
**DOSE:** 300 PPM

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 734  
**HISTO:** 9800180

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver	Centrilobular	Hypertrophy	Moderate
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-10 ]			
[ Lymphoma Malignant TGLS = 2-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 181

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 485

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800181

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Thymus
-----------------	----------

**OBSERVATIONS**

* Intestine Small, Ileum		Congestion	Moderate
* Intestine Small, Jejunum		Congestion	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver	Centrilobular	Degeneration	Minimal
		Necrosis	Focal, Minimal
[ Necrosis TGLS = 3-4 ]			
* Lymph Node, Mesenteric		Angiectasis	Moderate
		Erythrophagocytosis	Marked
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Minimal
* Testes	Germinal Epith	Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 182

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	Multiple
	Centrilobular	Hypertrophy	Moderate
	[ Eosinophilic Focus TGLS = 2,3-5+9 ]		
* Lung		Hematopoietic Cell Proliferation	Minimal
	[ Hematopoietic Cell Proliferation TGLS = 1-9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 183

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 407

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800183

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Necrosis	Acute, Moderate
* Liver	Centrilobular	Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 1,2-4+9 ]	Hypertrophy	Mild
* Lung		Inflammation	Granulomatous, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 184

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800184

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	Multiple
	Centrilobular	Hepatocellular Carcinoma	
		Hypertrophy	Moderate
[ Clear Cell Focus TGLS = 4-10 ]			
[ Eosinophilic Focus TGLS = 2,3,5-5+9+10 ]			
[ Hepatocellular Carcinoma TGLS = 1-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 185

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800185

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Minimal
[ Cyst TGLS = 1-8 ]			
* Stomach, Glandular	Epithelium	Hypertrophy	Minimal
* Thymus		Atrophy	Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 186

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800186

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Hemorrhage	Minimal Focal, Minimal Minimal
* Epididymis [ Hemorrhage TGLS = 2-9 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Diffuse, Mild
	Centrilobular	Hypertrophy	Moderate
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst Inflammation	Moderate Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 187

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800187

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Chronic, Mild
* Kidney	Artery	Inflammation	Chronic, Moderate
		Nephropathy	Moderate
		[ Inflammation TGLS = 1-4 ]	
		[ Nephropathy TGLS = 1-4 ]	
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Prostate	Artery	Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
		Cyst	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 188

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800188

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Preputial Gland		Cyst	Moderate

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 189

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 190

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800190

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Centrilobular	Hypertrophy	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 191

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 712

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800191

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-3 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 192

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800192

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
* Lung	Alveolar Epith	Hyperplasia	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Seminal Vesicle		Fibrosis	Chronic, Mild
	Artery	Inflammation	Chronic, Moderate
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 193

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800193

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Heart	Artery	Inflammation	Chronic, Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver	Centrilobular	Hepatocellular Carcinoma	
		Hypertrophy	Mild
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 194	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800194

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	Oral Mucosa
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 195

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800195

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Granuloma Sperm Adenoma	Minimal Focal, Minimal Minimal
* Epididymis Harderian Gland [ Adenoma TGLS = 1-9 ]			
* Kidney		Nephropathy	Minimal
* Liver [ Eosinophilic Focus TGLS = 2-9 ]	Centrilobular	Eosinophilic Focus Hypertrophy	Moderate
* Lung Oral Mucosa	Gingival	Alveolar/Bronchiolar Adenoma Inflammation Ulcer	Multiple Chronic, Minimal Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy Cyst	Minimal Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 196

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800196

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 197

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800197

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Nose  
\* Preputial Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

Blood Vessel  
\* Epididymis  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Pancreas  
\* Prostate  
\* Spleen  
\* Thymus

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Parathyroid Gland  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver  
Oral Mucosa

Subcapsular  
Centrilobular  
Gingival

Hyperplasia  
Hypertrophy  
Inflammation  
Ulcer

Minimal  
Moderate  
Chronic, Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 198

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800198

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Moderate
* Lymph Node, Mesenteric		Ectasia	Mild
		Erythrophagocytosis	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 199

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800199

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 200

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800200

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Cytoplasmic Alteration Hyperplasia Hypertrophy	Focal, Minimal Minimal Focal, Minimal
* Liver	Centrilobular	Hypertrophy Mixed Cell Focus	Moderate
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Moderate Moderate
* Preputial Gland [ Cyst TGLS = 1-8 ]		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 201

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800201

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 202

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 734  
**HISTO:** 9800202

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Heart	Nerve	Inflammation	Chronic, Minimal
* Kidney		Infarct	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
[ Hyperplasia TGLS = 2-4 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 203      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 736  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:** 9800203

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 4-5 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 5-9 ]		
* Ovary		Cyst	Moderate
	[ Thrombosis TGLS = 2-7 ]	Thrombosis	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
	[ Hyperplasia TGLS = 1-4 ]		
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 3-7 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 204

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
* Thymus		Cyst	Moderate
* Urinary Bladder	Serosa	Inflammation	Granulomatous, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 205

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 206

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Pulmn Vein	Inflammation	Chronic, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Large, Colon	Lymphoid Tiss	Hyperplasia	Lymphoid, Moderate
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 2-9 ]			
* Liver	Serosa	Hyperplasia	Lymphoid, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
[ Hyperplasia TGLS = 1-4 ]			
* Urinary Bladder		Hyperplasia	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 207

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 734  
**HISTO:** 9800207

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 208

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800208

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Tension Lipidosis	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 209

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800209

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Inflammation	Chronic, Moderate
* Heart	Artery	Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 2-5 ]		Lymphoma Malignant	
* Pancreas		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 210

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800210

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Ovary		Angiectasis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 211

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800211

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[ Hepatocellular Adenoma TGLS = 1-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88120-04  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p,p'-Dichlorodiphenyl sulfone  
CAS Number: 80-07-9

Date Report Requested: 10/23/2014  
Time Report Requested: 07:40:50  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 212

TRT#: 2  
DOSE: 0 PPM

SEX: Female  
DISP: Terminal Sacrifice

DAY ON TEST: 736  
HISTO: 9800212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Mesentery	Fat	Necrosis	Minimal
[ Necrosis TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 213

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800213

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Vacuolization Cytoplasmic	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 214

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800214

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 215

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800215

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 216

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Mesentery	Fat	Necrosis	Minimal
[ Necrosis TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 217

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800217

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 218

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800218

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 1-4 ]			
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 219

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800219

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 220

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800220

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Skin	Subcut Tiss	Myxosarcoma	
[ Myxosarcoma TGLS = 2-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 221      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 736  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:** 9800221

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Erythrophagocytosis	Moderate
[ Erythrophagocytosis TGLS = 2-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Marked
		Ulcer	Moderate
* Pituitary Gland	Pars Intermed	Adenoma	
[ Adenoma TGLS = 1-6 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 222

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 631

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** 9800222

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Focal, Mild
	[ Hepatocellular Carcinoma TGLS = 1-4 ]		
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 223

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 705  
**HISTO:** 9800223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Parathyroid Gland                      \* Spleen

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**                      - Thymus    Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 224

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Infarct	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 3-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 225

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800225

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Esophagus		Lymphoma Malignant	
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-4 ]			
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-4+5 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
Note: TGL 6-9 is lymphoma in hepatic lymph node. "Hepatic" is not listed as a site in microscopic menu, so "pancreatic" was used.			
			[ Lymphoma Malignant TGLS = 8-11 ]
			[ Lymphoma Malignant TGLS = 7-10 ]
			[ Lymphoma Malignant TGLS = 6-9 ]
			[ Lymphoma Malignant TGLS = 10-6 ]
* Lymph Node, Mandibular		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 225	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 9800225
-----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Lymphoma Malignant TGLS = 3-2 ] * Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-5 ] Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ] * Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 226

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800226

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Stomach, Forestomach		Cyst	Moderate
[ Cyst TGLS = 1-5 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88120-04  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p,p'-Dichlorodiphenyl sulfone  
CAS Number: 80-07-9

Date Report Requested: 10/23/2014  
Time Report Requested: 07:40:51  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 227

TRT#: 2  
DOSE: 0 PPM

SEX: Female  
DISP: Terminal Sacrifice

DAY ON TEST: 736  
HISTO: 9800227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 3-9 ]		Lymphoma Malignant	
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Minimal
* Ovary		Cyst	Moderate
* Spleen [ Lymphoma Malignant TGLS = 2-4 ]		Lymphoma Malignant	
* Thymus		Atrophy	Minimal
* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 228

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Cortex		Cytoplasmic Alteration	Focal, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
		Tension Lipidosis	
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
[ Hyperplasia TGLS = 1-9 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 229

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 1-6 ]			
* Bone		Fibrosis	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 3-5 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 4-4 ]			
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Cortex)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 229

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800229

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 230

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800230

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 231

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 711  
**HISTO:** 9800231

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Focal, Mild
[ Hyperplasia TGLS = 2-9 ]			
* Thymus		Atrophy	Moderate
		Cyst	Moderate
* Uterus	Serosa	Cyst	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal
[ Cyst TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 232

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 580  
**HISTO:** 9800232

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Pituitary Gland	* Thymus
-------------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Valve	Inflammation	Moderate
* Intestine Large, Colon	Serosa	Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Necrosis	Acute, Minimal
* Liver		Necrosis	Focal, Mild
* Nose		Hemorrhage	Mild
	Turbinates	Inflammation	Suppurative, Mild
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ulcer	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Ulcer	Marked

[ Ulcer TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH** - Heart Valve Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 233	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800233

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[ Hyperplasia TGLS = 1-5 ]			
[ Infiltration Cellular TGLS = 1-5 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Polyp Stromal	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 234

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 600  
**HISTO:** 9800234

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic [ Carcinoma TGLS = 2-9 ]		Carcinoma	
* Kidney	Renal Tubule	Hydronephrosis	Minimal
* Lung [ Carcinoma TGLS = 3-3 ]		Regeneration	Minimal
Lymph Node	Mediastinal	Carcinoma	Metastatic (Islets, Pancreatic)
* Ovary		Cyst	Moderate
* Spleen	Lymph Follic	Hemorrhage	Minimal
* Thymus		Atrophy	Marked
* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hematopoietic Cell Proliferation	Marked
		Atrophy	Moderate
		Hyperplasia	Cystic, Marked

**PRIMARY CAUSE OF DEATH** - Islets, Pancreatic Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 235

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 636

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** 9800235

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Osteosarcoma	
[ Osteosarcoma TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lung		Osteosarcoma	Metastatic (Bone)
[ Osteosarcoma TGLS = 3-3 ]			
* Ovary		Angiectasis	Minimal
		Granulosa Cell Tumor Benign	
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

- Bone Osteosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 236

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800236

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 237

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 238

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800238

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver		Vacuolization Cytoplasmic	Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Mild
* Uterus		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 239

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800239

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Marked
* Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Hyperplasia	Focal, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
	[ Hepatocellular Carcinoma TGLS = 1-4 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 240

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 734  
**HISTO:** 9800240

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 241

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800241

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
		Tension Lipidosis	
Mesentery	Fat	Necrosis	Minimal
[ Necrosis TGLS = 3-10 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 242

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800242

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Ovary		Cyst	Moderate
		Cystadenoma	
		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 243

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800243

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 244

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800244

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Eosinophilic Focus	
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 245

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800245

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Hypertrophy	Minimal Focal, Minimal Focal, Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Pancreas		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 246

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 491  
**HISTO:** 9800246

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
--------------------------	---------------------	-------------------

**OBSERVATIONS**

* Brain		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-2 ]			
* Heart		Lymphoma Malignant	
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Thymus		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH** - Brain Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 247

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800247

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 248

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 734  
**HISTO:** 9800248

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Thymus		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 249

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 657  
**HISTO:** 9800249

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Brain	Hypothalamus	Degeneration	Marked
* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 12-11 ]	Peyers Patch	Lymphoma Malignant	
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Amyloid Deposition	Moderate
		Casts Protein	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 1-2 ]		Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-5 ]		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 249

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 657  
**HISTO:** 9800249

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Lymphoma Malignant TGLS = 7-12 ]			
* Nose		Hemorrhage	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-7 ]			
* Pancreas		Amyloid Deposition	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 11-6 ]			
* Skin	Subcut Tiss	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-9 ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 14-4 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-6 ]			
* Uterus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-7 ]			

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 250

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800250

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Angiectasis	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 251

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800251

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Angiectasis	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 252	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 592
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9800252

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

---

**MISSING**

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen			

---

**OBSERVATIONS**

* Liver		Fatty Change	Diffuse, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-3 ]			
* Skin	Subcut Tiss	Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-9 ]			

---

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Fibrosarcoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 253

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800253

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum [ Leiomyosarcoma TGLS = 2-9 ]		Leiomyosarcoma	
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Thymus		Cyst	Moderate
* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 254

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800254

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 255

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800255

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 1-9 ]			
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800256

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**MISSING**

\* Ovary

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Epicardium	Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
* Liver	Periportal	Degeneration	Mild
	Periportal	Fibrosis	Mild
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Periportal	Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Mononuclear Cl, Mild
	[ Degeneration TGLS = 3-4+5 ]		
	[ Fibrosis TGLS = 3-4+5 ]		
	[ Hepatocellular Adenoma TGLS = 4-9 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-9 ]		
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen	Lymph Follic	Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800256

**ORGAN AND ACCOUNTABLE SITE STATUS**

	Fibrosis	Moderate
	Hematopoietic Cell Proliferation	Mild
[ Fibrosis TGLS = 1-4 ]		
* Thymus	Cyst	Moderate
	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-6 ]		
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 257

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800257

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 258

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800258

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Necrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 259	<b>TRT#:</b> 4 <b>DOSE:</b> 30 PPM	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 605 <b>HISTO:</b> 9800259
-----------------------	---------------------------------------	--	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

* Lymph Node, Mandibular	* Salivary Glands
--------------------------	-------------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

---

<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
-------------------------------	-------------

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 260

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800260

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Eye [ Degeneration TGLS = 1-9 ]		Degeneration	Marked
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Angiectasis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 261

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800261

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-10 ]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9-5 ]			
* Kidney		Hydronephrosis	Moderate
[ Hydronephrosis TGLS = 5-4 ]		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-6 ]			
[ Lymphoma Malignant TGLS = 6-11 ]			
[ Lymphoma Malignant TGLS = 3-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-5 ]			
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 261	<b>TRT#:</b> 4 <b>DOSE:</b> 30 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 9800261
-----------------------	---------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia Lymphoma Malignant	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 262

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800262

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Tension Lipidosis	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-6 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 263

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 264

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800264

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Focal, Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 265

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 616

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800265

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Ovary		Thrombosis	Marked
[ Thrombosis TGLS = 1-7 ]			
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Ovary Thrombosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 266

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800266

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 267

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800267

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1,2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 268

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800268

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 269

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800269

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach	Muscularis	Hyperplasia	Focal, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 270

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800270

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-9 ]			
* Ovary		Angiectasis	Mild
		Cyst	Moderate
		Thrombosis	Mild
[ Thrombosis TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 271

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800271

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
Harderian Gland		Adenoma	
[ Adenoma TGLS = 3-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Ovary		Thrombosis	Marked
[ Thrombosis TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 272

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 667

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800272

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Ovary

**OBSERVATIONS**

* Liver	Centrilobular	Fatty Change Fatty Change Necrosis	Mild Diffuse, Mild Focal, Minimal
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Marked Marked
	[ Hematopoietic Cell Proliferation TGLS = 2-4 ]		
* Thymus		Atrophy	Moderate
* Uterus		Angiectasis	Marked
	[ Angiectasis TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

- Uterus Angiectasis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 273

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800273

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary		Angiectasis	Moderate
		Cystadenoma	
		Thrombosis	Marked
[ Angiectasis TGLS = 2-7 ]			
[ Thrombosis TGLS = 2-7 ]			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 274

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800274

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-3 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
[ Hyperplasia TGLS = 3-6 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 275	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800275

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Gallbladder

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2,3-9+10 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 1-7 ]		

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 276

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800276

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Vacuolization Cytoplasmic	Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 277

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800277

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-9 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-4 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 278	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800278

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-10 ]			
[ Lymphoma Malignant TGLS = 5-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
		Lymphoma Malignant	
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
[ Lymphoma Malignant TGLS = 1-4 ]			
* Thymus		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 278

**TRT#:** 4  
**DOSE:** 30 PPM

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

**DAY ON TEST:** 735  
**HISTO:** 9800278

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Uterus [ Hyperplasia TGLS = 3-7 ]	Endometrium	Hyperplasia	Cystic, Moderate
--	-------------	-------------	------------------

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 279

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800279

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Hyperplasia	Marked
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 280

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800280

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Ovary		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 281	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9800281

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
--------------------------	--------------------------

---

**OBSERVATIONS**

* Kidney	Renal Tubule	Casts Protein	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

---

[ Hyperplasia TGLS = 1-7 ]

---

<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
-------------------------------	-------------

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88120-04  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: p,p'-Dichlorodiphenyl sulfone  
CAS Number: 80-07-9

Date Report Requested: 10/23/2014  
Time Report Requested: 07:40:51  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 30 PPM

DISP: Natural Death

HISTO: 9800282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder	* Uterus		

MISSING

* Brain	* Esophagus	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 1-7 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-6 ]			
* Trachea		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 283

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800283

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Ovary		Angiectasis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 284

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800284

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Atrophy	Marked
[ Atrophy TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 285

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800285

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-5 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 5-4 ]			
Lymph Node	Pancreatic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 286

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800286

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Ovary [ Cyst TGLS = 2-7 ]		Cyst	Moderate
* Thymus		Atrophy	Marked
* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 287

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800287

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Parathyroid Gland	* Pituitary Gland
---------------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Lung		Inflammation	Granulomatous, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 288

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800288

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Parathyroid Gland	* Thymus
---------------------	----------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 289

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800289

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Atrophy	Marked
[ Atrophy TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
		Hyperplasia	Lymphoid, Moderate
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]		Hyperplasia	Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 290

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 512

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800290

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain	Cranial Nerve	Schwannoma Malignant	
	[ Schwannoma Malignant TGLS = 1-9 ]		
* Heart	Valve	Inflammation	Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Inflammation	Suppurative, Focal, Mild
* Liver		Fatty Change	Diffuse, Minimal
		Histiocytic Sarcoma	
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal

**PRIMARY CAUSE OF DEATH**

- Brain Cranial Nerve Schwannoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 291

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800291

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**MISSING**

* Parathyroid Gland	* Pituitary Gland
---------------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Ovary		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hemangiosarcoma	
		Lymphoma Malignant	
		[ Hemangiosarcoma TGLS = 1-4 ]	
		[ Lymphoma Malignant TGLS = 1-4 ]	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 291

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800291

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 292

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800292

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Angiectasis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 293

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800293

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 294

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** 30 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800294

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Thymus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Mild
		Glomerulosclerosis	Marked
	[ Glomerulosclerosis TGLS = 2-4 ]		
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-9 ]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 3-7 ]		

**PRIMARY CAUSE OF DEATH** - Kidney Glomerulosclerosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 295

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800295

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Moderate
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 296

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800296

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 4-9 ]		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 297

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800297

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4+5 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 6-11 ]			
[ Hyperplasia TGLS = 7-12 ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 9-2 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4,5-9+10 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Angiectasis	Mild
[ Angiectasis TGLS = 10-7 ]			
* Pancreas		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-5 ]			
* Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 297	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 30 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800297

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
[ Lymphoma Malignant TGLS = 1-4 ]			
* Thymus		Atrophy	Mild
		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-7 ]			

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 298

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 512

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800298

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain		Histiocytic Sarcoma	
* Heart	Myocardium	Mineralization	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3,4-4+5 ]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-7 ]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
* Thymus		Atrophy	Moderate
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[ Histiocytic Sarcoma TGLS = 2-9 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 298

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 512

**DOSE:** 30 PPM

**DISP:** Natural Death

**HISTO:** 9800298

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 299

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800299

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Infarct	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 300	<b>TRT#:</b> 4 <b>DOSE:</b> 30 PPM	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 550 <b>HISTO:</b> 9800300
-----------------------	---------------------------------------	--	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

---

**MISSING**

\* Parathyroid Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-6 ]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Marked

---

**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 301

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800301

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 302

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 702

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800302

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
[ Lymphoma Malignant TGLS = 2-4 ]		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 5-4 ]			
Lymph Node	Pancreatic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-10 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen	Lymph Follic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH** - Lymph Node, Mesenteric Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 302

**TRT#:** 6  
**DOSE:** 100 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 702  
**HISTO:** 9800302

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 303

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800303

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Ovary		Cyst	Moderate
		Hemorrhage	Mild
[ Hemorrhage TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 304

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800304

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Mixed Cell Focus	Multiple
		Vacuolization Cytoplasmic	Focal, Minimal
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[ Hemorrhage TGLS = 2-9 ]			
[ Infiltration Cellular TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 305

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800305

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 306

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800306

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mononuclear CI, Minimal
[ Hepatocellular Carcinoma TGLS = 2-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 307

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800307

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

**MISSING**

\* Ovary

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 9,10-4+5 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-11 ]			
[ Lymphoma Malignant TGLS = 6-9 ]			
[ Lymphoma Malignant TGLS = 7-10 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-2 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-5 ]			
Mesentery		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-7 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 307	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800307

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Pancreas		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
	[ Hematopoietic Cell Proliferation TGLS = 1-4 ]		
	[ Lymphoma Malignant TGLS = 1-4 ]		
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 4-7 ]		

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 308

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800308

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 5-4 ]			
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-10 ]			
[ Hyperplasia TGLS = 7-9 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 6-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Ovary		Inflammation	Suppurative, Marked
[ Inflammation TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-4 ]			
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 309

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800309

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 310

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 683

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800310

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Mineralization	Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Ulcer	Moderate

[ Hyperplasia TGLS = 1-7 ]

[ Ulcer TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

- Uterus Ulcer

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 311

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800311

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 312

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800312

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4,5,6,7,8,9-4+5+9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 10-3 ]			
Mesentery		Sarcoma	
[ Sarcoma TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 313

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800313

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Clitoral Gland		Atrophy	Mild
[ Atrophy TGLS = 1-8 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary	Bilateral	Cystadenoma	
[ Cystadenoma TGLS = 3-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Minimal
[ Hematopoietic Cell Proliferation TGLS = 4-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 314

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800314

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 1-9 ]	Peyers Patch	Lymphoma Malignant	
* Kidney	Renal Tubule	Casts Protein	Minimal
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 1-9 ]		Lymphoma Malignant	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Ovary [ Cyst TGLS = 3-7 ]		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Minimal
* Uterus [ Hyperplasia TGLS = 2-7 ]	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 315

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800315

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 316

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800316

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 3-9 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Ovary		Cyst	Moderate
* Pancreas	Acinus	Atrophy	Mild
	Duct	Cyst	Moderate
* Spleen	Lymph Follic	Hyperplasia	Minimal
[ Hyperplasia TGLS = 1-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 317

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800317

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 318

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 709

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800318

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Mild
		Necrosis	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-9 ]			
* Ovary		Angiectasis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 319      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 586  
**DOSE:** 100 PPM      **DISP:** Natural Death      **HISTO:** 9800319

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
--------------------------	---------------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-9 ]			
* Nose	Turbinates	Inflammation	Suppurative, Minimal
* Ovary		Angiectasis	Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-4 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-10 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**      - Thymus    Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 320

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800320

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Eosinophilic Focus	
		Hypertrophy	Minimal
[ Eosinophilic Focus TGLS = 3-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-6 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Suppurative, Minimal
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 321

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800321

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 322

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800322

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
[ Eosinophilic Focus TGLS = 2-5 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 323

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800323

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 324

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800324

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 325

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800325

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 326

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800326

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Eye		Atrophy	Marked
[ Atrophy TGLS = 1-9 ]			
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
[ Hyperplasia TGLS = 4-7 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 327

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800327

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hepatocellular Adenoma	
		Hypertrophy	Minimal
		Inflammation	Granulomatous, Mild
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
	[ Inflammation TGLS = 5-3+4+5 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Histiocyte, Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-4 ]		
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
	[ Hyperplasia TGLS = 3-7 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 327

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800327

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 328      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 736  
**DOSE:** 100 PPM      **DISP:** Terminal Sacrifice      **HISTO:** 9800328

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Degeneration	Marked
[ Degeneration TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 329

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 711

**DOSE:** 100 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800329

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Moderate
		Ulcer	Moderate
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 330

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800330

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 331

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800331

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 332

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800332

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 333

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800333

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver		Eosinophilic Focus	
		Hemangioma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Hemangioma TGLS = 3-4 ]			
[ Hepatocellular Adenoma TGLS = 4-9 ]			
[ Hepatocellular Carcinoma TGLS = 2-5 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 334

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800334

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 335

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800335

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 336

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800336

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 337

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800337

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Histiocytic Sarcoma	
		Necrosis	Focal, Mild
[ Histiocytic Sarcoma TGLS = 2-3+4+5 ]			
* Skin	Subcut Tiss	Edema	Moderate
[ Edema TGLS = 3-6 ]			
* Spleen	Lymph Follic	Atrophy	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 338

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800338

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 339

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800339

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Vacuolization Cytoplasmic	Focal, Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 340

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800340

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Lymph Node, Mesenteric	Vein	Ectasia	Moderate
[ Ectasia TGLS = 3-9 ]			
* Spleen	Lymph Follic	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-3 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 341

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800341

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 342

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800342

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hepatocellular Adenoma	Minimal
[ Hepatocellular Adenoma TGLS = 1-4 ]		Hypertrophy	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 343

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800343

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 344

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800344

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Ovary		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 345

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800345

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Pancreas		Inflammation	Chronic, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 346

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800346

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 4-5 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 347

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 652

**DOSE:** 100 PPM

**DISP:** Natural Death

**HISTO:** 9800347

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Diffuse, Mild
* Brain	Hypothalamus	Degeneration	Marked
* Heart	Valve	Inflammation	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
		Inflammation	Suppurative, Moderate
[ Adenoma TGLS = 1-6 ]			
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Atrophy	Marked

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Intermed Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 348

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800348

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Degeneration	Marked
[ Degeneration TGLS = 1-8 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Cyst	Moderate
		Hemorrhage	Minimal
[ Hemorrhage TGLS = 3-7 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 349

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800349

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 350

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800350

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Forestomach		Hyperkeratosis	Focal, Mild
[ Hyperkeratosis TGLS = 3-5 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 351	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800351

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 3-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Centrilobular	Hypertrophy	Minimal
[ Hepatocellular Adenoma TGLS = 2-5 ]			
[ Hepatocellular Carcinoma TGLS = 1-4 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 352

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800352

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Nose		Inflammation	Granulomatous, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Ovary		Inflammation	Suppurative, Marked
	[ Inflammation TGLS = 2-7 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 1-4 ]		
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 353

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800353

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Histiocytic Sarcoma	
		Hyperplasia	Minimal
* Bone		Fibrosis	Moderate
* Bone Marrow		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Casts Protein	Minimal
		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 3,4-4 ]	
* Liver		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 2-4+5 ]	
* Lung		Histiocytic Sarcoma	
		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Erythrophagocytosis	Mild
		[ Erythrophagocytosis TGLS = 6-5 ]	
* Mammary Gland		Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hemorrhage	Marked
		[ Hemorrhage TGLS = 5-6 ]	
* Spleen	Lymph Follic	Atrophy	Marked
		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Moderate
* Uterus		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 353

**TRT#:** 8  
**DOSE:** 300 PPM

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

**DAY ON TEST:** 736  
**HISTO:** 9800353

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Histiocytic Sarcoma TGLS = 1-9 ]	Endometrium	Hyperplasia	Cystic, Minimal
------------------------------------	-------------	-------------	-----------------

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 354

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 723

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800354

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-4+5 ]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 1-2 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Histiocytic Sarcoma	
* Thymus		Atrophy	Moderate
* Uterus		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-9 ]		Inflammation	Suppurative, Mild

**PRIMARY CAUSE OF DEATH**

- Uterus Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 355

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800355

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 4-5 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 5-4 ]		Hypertrophy	Mild
* Lung	Bronchiole	Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 3-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 356

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 726

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800356

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Diffuse, Moderate
* Heart	Myocardium	Degeneration	Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 2-6 ]			
* Spleen	Lymph Follic	Atrophy Hematopoietic Cell Proliferation	Marked Marked
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia Ulcer	Cystic, Minimal Marked
[ Ulcer TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- Uterus Ulcer

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 357

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800357

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
* Ovary		Hyperplasia	Mild
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hypertrophy	Focal, Minimal
* Spleen		Adenoma	
* Uterus	Endometrium	Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
	Epithelium	Metaplasia	Squamous, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 358

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800358

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
Harderian Gland		Carcinoma	
[ Carcinoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Ovary		Cyst	Moderate
		Lymphoma Malignant	
[ Cyst TGLS = 4-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
* Thymus		Atrophy	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant	
[ Hyperplasia TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 358

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800358

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 359

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800359

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Esophagus		Squamous Cell Papilloma	
* Liver	Centrilobular	Hypertrophy	Minimal
* Nose	Respirat Epith	Cytoplasmic Alteration	Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 360

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800360

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hepatocellular Adenoma	
		Hypertrophy	Minimal
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 361

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800361

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 362	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800362

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Parathyroid Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1-9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 363

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800363

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hepatocellular Adenoma	
		Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
[ Eosinophilic Focus TGLS = 3-9 ]			
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Ovary		Inflammation	Granulomatous, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 364

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800364

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Heart	Artery	Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Angiectasis	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 365

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9800365

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Bile Duct	Cyst	Moderate
[ Cyst TGLS = 2-9 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
Tongue	Epithelium	Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma TGLS = 3-9 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 366

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800366

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Eosinophilic Focus	Multiple
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 2-4 ]		
	[ Hepatocellular Adenoma TGLS = 3-5 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 1-7 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 367

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800367

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Basophilic Focus	
	Centrilobular	Eosinophilic Focus	Multiple
	[ Eosinophilic Focus TGLS = 4,5,6-4+5+9+10 ]	Hypertrophy	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
Mesentery	Fat	Necrosis	Mild
		Sarcoma	
		[ Necrosis TGLS = 3-10 ]	
		[ Sarcoma TGLS = 2-9 ]	
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		[ Hyperplasia TGLS = 1-7 ]	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 368	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800368

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 369	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800369

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

* Ovary	* Parathyroid Gland
---------	---------------------

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa		Ulcer	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

---

[ Hyperplasia TGLS = 1,2-7 ]

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 370

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800370

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain	Thalamus	Necrosis	Focal, Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-4+9 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-6 ]			
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 371

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800371

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 372

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800372

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Moderate
* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 373

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800373

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Granulomatous, Mild

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 374

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800374

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**INSUFFICIENT TISSUE**

\* Pituitary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Lymphoma Malignant	
		Lymphoma Malignant	
		Necrosis	Focal, Minimal
[ Lymphoma Malignant TGLS = 2,3-4+5 ]			
Lymph Node	Pancreatic	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-10 ]			
Mesentery	Fat	Necrosis	Minimal
[ Necrosis TGLS = 5-9 ]			
* Nose		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Skin		Infiltration Cellular	Mast Cell, Mild
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-4 ]			
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 375

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800375

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Minimal
	Renal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 3-9 ]			
[ Hyperplasia TGLS = 4-10 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Granulomatous, Moderate
		Inflammation	Suppurative, Minimal
[ Hyperplasia TGLS = 2-7 ]			
[ Inflammation TGLS = 1,5-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 376

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800376

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Serosa	Fibrosis	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 377	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800377

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Thrombosis	Moderate
[ Thrombosis TGLS = 2-7 ]			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 378

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 701

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800378

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Clitoral Gland	* Ovary
------------------	---------

**OBSERVATIONS**

* Liver		Sarcoma	Metastatic (Skin)
* Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 1,2-9+10 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 379

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800379

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye		Degeneration	Marked
[ Degeneration TGLS = 1-9 ]			
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
Mesentery	Fat	Necrosis	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 380      **TRT#:** 8      **SEX:** Female      **DAY ON TEST:** 734  
**DOSE:** 300 PPM      **DISP:** Terminal Sacrifice      **HISTO:** 9800380

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Myocardium	Degeneration	Minimal
	Artery	Inflammation	Chronic, Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Eosinophilic Focus	
		Hypertrophy	Moderate
	[ Eosinophilic Focus TGLS = 3-5 ]		
* Mammary Gland		Carcinoma	
	[ Carcinoma TGLS = 2-9 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 1-6 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Marked
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 381

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800381

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Mild
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:51  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 382

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800382

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Minimal
* Lung		Hemorrhage	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 383	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800383

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

\* Parathyroid Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Liver	Centrilobular	Eosinophilic Focus Hepatocellular Adenoma Hypertrophy Infiltration Cellular	Mild Mononuclear CI, Moderate
	[ Hepatocellular Adenoma TGLS = 4-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2-9 ]		
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3-3 ]		
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 1-7 ]		

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 384

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800384

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 385

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800385

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 386

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800386

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Intestine Small, Jejunum [ Hyperplasia TGLS = 3-9 ]	Peyers Patch	Hyperplasia	Lymphoid, Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver Mesentery [ Necrosis TGLS = 2-9 ]	Centrilobular Fat	Hypertrophy Necrosis	Minimal Mild
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
* Thymus		Atrophy	Minimal
* Uterus [ Hyperplasia TGLS = 1-7 ]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 387

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800387

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Minimal
* Liver		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
		Ulcer	Minimal
* Stomach, Glandular	Epithelium	Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 388

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800388

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Bone		Fibrosis	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 389

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800389

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Centrilobular	Hypertrophy Mixed Cell Focus	Mild
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 390

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800390

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Lymphoma Malignant	
* Kidney	Renal Tubule	Casts Protein	Minimal
		Lymphoma Malignant	
* Liver	Centrilobular	Eosinophilic Focus	
		Hypertrophy	Minimal
		Lymphoma Malignant	
[ Eosinophilic Focus TGLS = 6-9 ]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-10 ]			
[ Lymphoma Malignant TGLS = 5-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-11 ]			
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Minimal
* Ovary		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 390

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800390

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Lymphoma Malignant

[ Hyperplasia TGLS = 2-7 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 391

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800391

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Eosinophilic Focus	Multiple
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 392	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800392

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Ovary		Cystadenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 393

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800393

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Focal, Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
Oral Mucosa	Gingival	Inflammation Ulcer	Chronic, Mild Mild
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Moderate Suppurative, Minimal

[ Hyperplasia TGLS = 1-7 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 394	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9800394

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

---

**MISSING**

\* Parathyroid Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-5 ]	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-7 ]		

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 395

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800395

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Fatty Change	Diffuse, Minimal
		Hypertrophy	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
		Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 396

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800396

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
[ Hyperplasia TGLS = 2-6 ]			
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-7 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 397	<b>TRT#:</b> 8 <b>DOSE:</b> 300 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 735 <b>HISTO:</b> 9800397
-----------------------	--	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Inflammation	Chronic, Focal, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Mononuclear CI, Minimal
[ Eosinophilic Focus TGLS = 3-5 ]			
* Mammary Gland		Hyperplasia	Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Mild
* Ovary		Inflammation	Suppurative, Moderate
[ Inflammation TGLS = 1-7 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-4 ]			
[ Hyperplasia TGLS = 2-4 ]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 398

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800398

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Fibrosis	Mild
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
Oral Mucosa	Gingival	Inflammation	Chronic, Mild
		Ulcer	Moderate
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Cyst	Moderate
* Thymus		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 399

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 578

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:** 9800399

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mesenteric	* Pituitary Gland
--------------------------	-------------------

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver	Centrilobular	Hypertrophy	Mild
* Ovary		Thrombosis	Marked
[ Thrombosis TGLS = 1-7 ]			
* Thymus		Cyst	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 3-7 ]			

**PRIMARY CAUSE OF DEATH**

- Ovary Thrombosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88120-04  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 07:40:52  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 400

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9800400

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Casts Protein	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Centrilobular	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
[ Clear Cell Focus TGLS = 4-5 ]			
[ Eosinophilic Focus TGLS = 3-4 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7 ]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

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

\* PROTOCOL REQUIRED TISSUE