

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C55345
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	05/13/1987

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 498
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Parathyroid Gland	Salivary Glands
Trachea	Urinary Bladder		

**MISSING**

Nose

**INSUFFICIENT TISSUE**

Thymus

**PRESENT BUT NOT EXAMINED**

Intestine Large - Rectum	Intestine Small - Ileum	Preputial Gland
--------------------------	-------------------------	-----------------

**OBSERVATIONS**

Adrenal Gland		Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Marked
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain	Cerebrum	Hemorrhage	Focal, Mild
		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
	Ventricl Lft	Thrombosis	Chronic, Focal, Mild
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
		Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Cyst	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**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> Moribund	<b>DAY ON TEST:</b> 498 <b>HISTO:</b>
<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Prostate		Leukemia Mononuclear Inflammation	Subacute, Multifocal, Mild
Skin	Tail	Hyperkeratosis	Multifocal, Mild
Spleen		Leukemia Mononuclear Necrosis	Subacute, Diffuse, Moderate
Stomach	Forestomach	Leukemia Mononuclear Ulcer	Subacute, Focal, Moderate
	Glandular	Ulcer	Subacute, Focal, Moderate
Testes	Bilateral, Interstit Cell	Hyperplasia Leukemia Mononuclear	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
PRIMARY CAUSE OF DEATH	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland

---

**OBSERVATIONS**

Liver		Basophilic Focus	Single
	Bile Duct	Hyperplasia	Multifocal, Mild
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Skin		Trichoepithelioma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Adenoma	
	Bilateral, Follicle	Cyst	Multiple

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Spleen
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Acute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Subacute, Focal, Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 671
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Pituitary Gland	Salivary Glands
Skin			

**MISSING**

Parathyroid Gland

**AUTO PRECLUDES DIAG.**

Intestine Large	Intestine Small	Islets, Pancreatic	Pancreas
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood	Mammary Gland
-------	---------------

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Epididymis		Leukemia Mononuclear	
Eye	Retina	Atrophy	Multifocal, Marked
	Lens	Cataract	Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
	Renal Tubule	Pigmentation	Multifocal, Moderate
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
		Eosinophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung	Interstitialium, Mediastinum	Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**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> Dead	<b>DAY ON TEST:</b> 671 <b>HISTO:</b>
---------------------	--------------------------------------	---------------------------------------	--

---

<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Preputial Gland		Infiltration Cellular	Mononuclear CI, Multifocal, Moderate
Prostate		Inflammation	Chronic, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate

---

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 674 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Skin	Subcut Tiss	Fibroma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 727
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach
Thyroid Gland	Trachea		

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	
	Hepatocyte	Cytoplasmic Alteration	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Preputial Gland	Bilateral, Duct	Ectasia	Multifocal, Mild
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate
Urinary Bladder	Mucosa	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 3                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 727  
**DOSE:** 0 PPM                      **DISP:** Terminal Sacrifice                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Cortex	Cyst	
	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
Lymph Node		Hyperplasia	Lymphoid, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pituitary Gland	Pars Intermed	Cyst	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Minimal
Spleen	Red Pulp	Fibrosis	Chronic, Focal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Large	Colon, Peyers Patch	Hyperplasia	Lymphoid, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
	Mediastinal	Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Suppurative, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Left	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

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> Moribund	<b>DAY ON TEST:</b> 674 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach	Trachea	Urinary Bladder	

PRESENT BUT NOT EXAMINED

Mammary Gland	Preputial Gland
---------------	-----------------

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Multifocal, Mild
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Intestine Large	Colon, Peyers Patch Rectum	Leukemia Mononuclear Leukemia Mononuclear	
Intestine Small	Jejunum, Peyers Patch	Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Hepatocyte Bile Duct	Angiectasis Degeneration Hyperplasia	Focal, Mild Cystic, Focal, Moderate Multifocal, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal	Leukemia Mononuclear Leukemia Mononuclear	
Nose	Respirat Epith Nasolacrim Dct	Degeneration Inflammation	Multifocal, Mild Subacute, Multifocal, Mild
Skin	Subcut Tiss	Fibroma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Moderate Multifocal, Moderate
Thymus		Depletion Lymphoid	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01

**Test Type:** CHRONIC

**Route:** DOSED FEED

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol

**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:56:58

**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> Moribund	<b>DAY ON TEST:</b> 674 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

---

<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
--	--	--	--

---

Thyroid Gland	Follicle	Cyst	
---------------	----------	------	--

---

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

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Liver		Clear Cell Focus Inflammation	Single Granulomatous, Multifocal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Mild
Nose	Respirat Epith Nasolacrim Dct	Degeneration Inflammation	Multifocal, Mild Subacute, Multifocal, Moderate
Testes	Bilateral, Interstit Cell Left, Seminif Tub Interstit Cell, Right	Adenoma Atrophy Hyperplasia	Multifocal, Marked Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 665
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pituitary Gland	Prostate
Salivary Glands	Spleen	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

---

**MISSING**

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

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Mineralization	Multifocal, Mild
	Atrium Lft	Thrombosis	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Eosinophilic Focus	Single
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Marked
Pancreas	Acinus	Atrophy	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin	Abdominal, Subcut Tiss	Edema	Subacute, Multifocal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**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> 727 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Focal
	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Preputial Gland		Inflammation	Chronic, Multifocal, Mild
Prostate		Inflammation	Chronic, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus	Artery, Mediastinum	Inflammation	Proliferative, Chronic, Multifocal, Moderate

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 681
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Testes

---

**OBSERVATIONS**

Heart	Myocardium	Degeneration Leukemia Mononuclear	Chronic, Multifocal, Mild
	Atrium Lft	Thrombosis	Chronic
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Marked
Lung	Interstitialium	Inflammation Leukemia Mononuclear	Chronic, Focal, Moderate
Nose	Respirat Epith Respirat Epith, Submucosa	Degeneration Inflammation	Multifocal, Mild Subacute, Multifocal, Mild
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Adenoma	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 5                      **TRT#:** 6                      **SEX:** Male                      **DAY ON TEST:** 727  
**DOSE:** 10000 PPM                      **DISP:** Terminal Sacrifice                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node	Mammary Gland
Parathyroid Gland	Prostate	Salivary Glands	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Neoplastic Nodule	
Lung	Interstitialium	Inflammation	Acute, Focal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin		Keratoacanthoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**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> 727 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	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	Skin	Spleen	Stomach
Trachea	Urinary Bladder		

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Multifocal, Moderate
Lymph Node	Mediastinal	Hemorrhage	Multifocal, Mild
	Mandibular	Inflammation	Chronic, Multifocal, Mild
	Mesenteric	Inflammation	Chronic, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Testes	Interstitial Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
	Interstitial Cell, Right	Hyperplasia	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 477 <b>HISTO:</b>
---------------------	---	---------------------------------------	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
Liver	Skin	Thyroid Gland	

---

<b>MISSING</b>			
Pituitary Gland			

---

<b>OBSERVATIONS</b>			
Eye	Retina	Atrophy	Multifocal, Moderate
	Lens	Cataract	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Testes	Interstit Cell	Adenoma	

---

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 727
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	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	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Moderate
	Interstit Cell, Right	Hyperplasia	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 658 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Islets, Pancreatic	Brain Parathyroid Gland	Epididymis Pituitary Gland	Esophagus Trachea
----------------------------	----------------------------	-------------------------------	----------------------

**MISSING**

Eye

**PRESENT BUT NOT EXAMINED**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Capsule Bilateral, Cortex	Leukemia Mononuclear Vacuolization Cytoplasmic	Multifocal, Moderate
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Harderian Gland	Bilateral	Leukemia Mononuclear	
Heart	Myocardium Pericardium	Degeneration	Multifocal, Mild
Intestine Large		Leukemia Mononuclear	
Intestine Small		Leukemia Mononuclear	
Kidney	Capsule Bilateral	Leukemia Mononuclear	
Liver	Hepatocyte	Nephropathy Degeneration	Chronic, Multifocal, Mild Cystic, Multifocal, Minimal
Lung	Alveolar Epith Interstitialium Mediastinum	Leukemia Mononuclear Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Lymph Node	Mandibular Mesenteric	Leukemia Mononuclear Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 658 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

---

<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>		
Skin	Abdominal, Subcut Tiss Face, Subcut Tiss	Leukemia Mononuclear Leukemia Mononuclear
Spleen		Leukemia Mononuclear
Stomach		Leukemia Mononuclear
Testes	Bilateral, Interstit Cell	Adenoma
Thymus		Leukemia Mononuclear
Thyroid Gland	Bilateral, Capsule	Leukemia Mononuclear
Urinary Bladder		Leukemia Mononuclear

---

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 665 <b>HISTO:</b>
---------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain	Cerebellum, Cerebrum	Hemorrhage	Multifocal, Moderate
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Skin	Subcut Tiss	Fibrosarcoma	
	Axillary, Subcut Tiss	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

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

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 681
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Harderian Gland	Intestine Small	Islets, Pancreatic	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Intestine Large

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Brain	Thrd Ventrcl	Hemorrhage	Focal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
		Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: 2,4-Dichlorophenol  
 CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
 Time Report Requested: 16:56:58  
 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> 727 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood			
-------	--	--	--

**OBSERVATIONS**

Adrenal Gland	Medulla Medulla Bilateral, Medulla	Cyst Hyperplasia Pheochromocytoma Benign	Single Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Angiectasis Basophilic Focus	Multifocal, Mild
Lymph Node	Hepatocyte Mediastinal Mandibular	Cytoplasmic Alteration Hemorrhage Hyperplasia	Focal, Mild Multifocal, Mild Lymphoid, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith Nasolacrim Dct Respirat Epith, Submucosa	Degeneration Inflammation Inflammation	Multifocal, Moderate Subacute, Multifocal, Mild Subacute, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 592 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Eye	Pituitary Gland	Thyroid Gland	
<b>OBSERVATIONS</b>			
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Prostate		Inflammation	Chronic Active, Multifocal, Marked
Testes	Bilateral, Interstit Cell	Adenoma	

---

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 8                      **TRT#:** 6                      **SEX:** Male                      **DAY ON TEST:** 727  
**DOSE:** 10000 PPM                      **DISP:** Terminal Sacrifice                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Preputial Gland		Adenoma	
	Bilateral	Inflammation	Chronic Active, Multifocal, Marked
Skin	Inguinal	Abscess	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Liver	Hepatocyte	Degeneration	Cystic, Multifocal, Mild
Nose	Respirat Epith, Turbinate	Adenocarcinoma	
	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
<hr/> <b>PRIMARY CAUSE OF DEATH</b> - <hr/>			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9

TRT#: 6

SEX: Male

DAY ON TEST: 631

DOSE: 10000 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Parathyroid Gland	Prostate	Salivary Glands	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

**INSUFFICIENT TISSUE**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Hepatocyte	Necrosis	Multifocal, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin		Squamous Cell Carcinoma	
Spleen	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Marked
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood	Mammary Gland
-------	---------------

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Cortex	Nuclear Alteration	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
	Kidney	Bilateral	Nephropathy
Liver		Hepatocyte	Degeneration
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Multifocal, Mild
		Neoplastic Nodule	Multiple
Lymph Node	Pancreatic	Hemorrhage	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Respirat Epith, Submucosa	Inflammation	Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Preputial Gland		Inflammation	Chronic Active, Multifocal, Marked
Testes	Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Mild
	Right, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 10	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 562
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Thyroid Gland

---

**MISSING**

Nose

---

**OBSERVATIONS**

Liver		Basophilic Focus	Single
Pharynx	Palate	Squamous Cell Papilloma	
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Skin	Subcut Tiss	Schwannoma Nos	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 6

SEX: Male

DAY ON TEST: 693

DOSE: 10000 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Multifocal, Mild
Preputial Gland		Hyperplasia	Squamous, Nodular, Multifocal, Moderate
		Inflammation	Chronic Active, Multifocal, Moderate
Note: M			
Note: MU			
Skin	Subcut Tiss	Fibrosarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 10

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 693

**DOSE:** 10000 PPM

**DISP:** Moribund

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Parathyroid Gland  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Prostate

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Stomach

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Pancreas  
Trachea

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney

Cortex  
Myocardium  
Cortex  
Bilateral

Hyperplasia  
Degeneration  
Cyst  
Nephropathy  
Basophilic Focus  
Hyperplasia  
Leukemia Mononuclear

Focal, Mild  
Chronic, Multifocal, Moderate  
Multiple  
Chronic, Multifocal, Marked  
Multiple  
Multifocal, Mild

Liver

Bile Duct

Leukemia Mononuclear

Multifocal, Mild

Lymph Node

Mandibular  
Pancreatic  
Pancreatic  
Mandibular

Cyst  
Cyst  
Hemorrhage  
Leukemia Mononuclear

Multifocal, Mild

Nose

Nasolacrim Dct  
Respirat Epith, Submucosa  
Pars Distalis

Inflammation  
Inflammation

Subacute, Multifocal, Moderate  
Subacute, Multifocal, Mild

Pituitary Gland  
Preputial Gland  
Salivary Glands

Acinus

Adenoma  
Inflammation

Subacute, Multifocal, Minimal  
Focal, Mild

Skin

Atrophy  
Squamous Cell Papilloma

Spleen

Leukemia Mononuclear

Testes

Bilateral, Interstit Cell

Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 11	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 727 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thymus	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Depletion Lymphoid Adenoma	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 11	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 516
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Thyroid Gland

---

**INSUFFICIENT TISSUE**

Pituitary Gland

---

**OBSERVATIONS**

Liver	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Skin	Subcut Tiss, Thoracic	Hemorrhage	Chronic Active, Diffuse, Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Harderian Gland		Inflammation	Subacute, Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Prostate		Inflammation	Chronic, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	Bilateral, C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 548 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

---

**MISSING**

Blood	Nose	Preputial Gland	Prostate
Thymus			

---

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Lung		Sarcoma	Metastatic (Uncertain Primary Site)
Mammary Gland	Acinus	Hyperplasia	Multifocal, Moderate
Pancreas	Acinus	Atrophy	Focal, Minimal
Skin	Subcut Tiss	Sarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 625 <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Liver		Basophilic Focus	Multiple
Lymph Node	Inguinal	Inflammation	Granulomatous, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Respirat Epith, Submucosa	Inflammation	Acute, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Cyst	Multiple
Preputial Gland		Carcinoma	
Skin		Fibrosarcoma	
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration Leukemia Mononuclear	Fatty, Focal, Mild
	Cortex	Necrosis	Multifocal, Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration Leukemia Mononuclear	Chronic, Multifocal, Moderate
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Marked
Lung	Interstitium	Inflammation Leukemia Mononuclear	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith Respirat Epith, Submucosa	Degeneration Inflammation	Multifocal, Mild Subacute, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Focal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 727
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Interstit Cell	Hyperplasia	Multifocal, Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: 2,4-Dichlorophenol  
 CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
 Time Report Requested: 16:56:58  
 First Dose M/F: NA / NA  
 Lab: BAT

<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 656 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex Medulla	Degeneration Leukemia Mononuclear	Fatty, Focal, Mild
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Atrophy	Multifocal, Moderate
Heart	Myocardium	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver	Bilateral Bile Duct	Nephropathy Hyperplasia Leukemia Mononuclear	Chronic, Multifocal, Marked Nodular, Multifocal, Moderate
Lung	Interstitialium	Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal Mediastinal	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Intermed	Cyst	Multiple
Preputial Gland	Bilateral, Duct	Ectasia Inflammation	Focal, Moderate Subacute, Multifocal, Mild
Skin		Keratoacanthoma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Bilateral	Adenoma Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 13

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

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 656  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 622
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver	Pituitary Gland
-------	-----------------

---

**OBSERVATIONS**

Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Acute, Multifocal, Moderate
Testes	Interstit Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Left	Hyperplasia	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder		Inflammation	Hemorrhagic, Acute, Multifocal, Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 13

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Prostate	Salivary Glands	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Hemorrhage	Focal, Marked
	Pars Distalis	Hyperplasia	Multifocal, Mild
Preputial Gland		Adenoma	
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin	Abdominal	Inflammation	Suppurative, Chronic, Focal, Marked
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: 2,4-Dichlorophenol  
 CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
 Time Report Requested: 16:56:58  
 First Dose M/F: NA / NA  
 Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Cortex Bilateral, Medulla	Cytoplasmic Alteration Hyperplasia Pheochromocytoma Benign	Focal, Minimal Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Single
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Marked
Nose	Respirat Epith Nasolacrim Dct Respirat Epith, Submucosa	Degeneration Inflammation Inflammation	Multifocal, Mild Subacute, Multifocal, Mild Chronic, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Prostate		Inflammation	Subacute, Multifocal, Mild
Spleen	Red Pulp	Fibrosis	Chronic, Multifocal, Moderate
Testes	Interstit Cell Right, Seminif Tub Interstit Cell, Left	Adenoma Atrophy Hyperplasia	Multifocal, Marked Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 14

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

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

**DAY ON TEST:** 727  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 713 <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Clear Cell Focus	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Left	Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 14

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Hyperplasia	Focal, Mild
Bone	Femur	Osteopetrosis	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Single
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Preputial Gland	Duct	Ectasia	Multifocal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland	Prostate	Salivary Glands
Stomach	Trachea	Urinary Bladder	

**MISSING**

Thymus

**INSUFFICIENT TISSUE**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Large	Rectum	Parasite Metazoan	Mild
Islets, Pancreatic		Adenoma	
Kidney		Cyst	Multiple
	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lung	Mediastinum	Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Acute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 727 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Preputial Gland		Adenoma	
Skin	Subcut Tiss	Fibroma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

---

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Thyroid Gland

---

**OBSERVATIONS**

Liver		Basophilic Focus	Multiple
Mesentery		Inflammation	Granulomatous, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Spleen	Stomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intest Small			
Note: MASS NEAR DUODENUM IS PERIARTERITIS NODOSA LESION			
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Clear Cell Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mediastinal	Hemorrhage	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Minimal
	Artery	Inflammation	Chronic Active, Multifocal, Marked
Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Multifocal, Moderate
Skin	Inguinal, Subcut Tiss	Inflammation	Chronic Active, Multifocal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 16

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 680

**DOSE:** 0 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Trachea
Urinary Bladder			

**MISSING**

Thymus

**OBSERVATIONS**

Blood		Neutrophilia	
Bone Marrow		Hyperplasia	Neutrophil, Multifocal, Marked
Epididymis		Adenocarcinoma	Metastatic (Kidney)
Intestine Small		Adenocarcinoma	Metastatic (Kidney)
Kidney	Renal Tubule	Adenocarcinoma	
	Left	Nephropathy	Chronic, Multifocal, Mild
Liver		Adenocarcinoma	Metastatic (Kidney)
	Bile Duct	Hyperplasia	Multifocal, Moderate
	Hepatocyte	Necrosis	Subacute, Multifocal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lung		Adenocarcinoma	Metastatic (Kidney)
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Mesentery		Adenocarcinoma	Metastatic (Kidney)
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pancreas		Adenocarcinoma	Metastatic (Kidney)
	Acinus	Atrophy	Multifocal, Mild
Prostate		Adenocarcinoma	Metastatic (Kidney)
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Stomach	Forestomach	Ulcer	Subacute, Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**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> Moribund	<b>DAY ON TEST:</b> 680 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Testes	Interstitial Cell Left, Seminif Tub	Adenoma Atrophy	Multifocal, Marked
Thyroid Gland Tissue NOS	C Cell	Adenoma Adenocarcinoma	Metastatic (Kidney)

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 636 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Eye	Pituitary Gland	Thyroid Gland	
<b>OBSERVATIONS</b>			
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Mammary Gland		Fibroadenoma	
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Focal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node  
Salivary Glands  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Skin  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Spleen

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Prostate  
Stomach

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Focal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell, Left	Hyperplasia	Focal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 17

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Pituitary Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea		

**MISSING**

Mammary Gland	Parathyroid Gland	Prostate	Urinary Bladder
---------------	-------------------	----------	-----------------

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Intestine Small	Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung	Bronchiole, Epithelium	Hyperplasia	Multifocal, Mild
	Interstitialium	Leukemia Mononuclear	
	Mediastinum	Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Olfactory Epi, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 17

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

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

**DAY ON TEST:** 727  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

Bilateral, Seminif Tub

Atrophy  
Depletion Lymphoid  
Chemodectoma Malignant  
Organ Of Zuckerkandl

Multifocal, Marked  
Multifocal, Moderate

Thymus  
Tissue NOS

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Thyroid Gland

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Nose	Respirat Epith Nasolacrim Dct Respirat Epith, Submucosa	Degeneration Inflammation Inflammation	Multifocal, Moderate Subacute, Multifocal, Mild Subacute, Multifocal, Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Cyst	
Skin	Sebaceous Gl	Adenocarcinoma	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 17

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Multifocal, Mild
Lung	Interstitialium	Inflammation	Acute, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
	Duct	Ectasia	Focal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Parathyroid Gland	Prostate	Salivary Glands
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Neutrophil, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Minimal
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith	Metaplasia	Squamous, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland	Duct, Right	Ectasia	Diffuse, Marked
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin	Subcut Tiss	Fibroma	
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 18

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

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

**DAY ON TEST:** 727  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Bilateral, Seminif Tub

Atrophy

Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia	Multifocal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 18

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 680

**DOSE:** 10000 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Pituitary Gland
---------------	-----------------

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Vacuolization Cytoplasmic	Multifocal, Moderate
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Acute, Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Prostate		Inflammation	Chronic Active, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Stomach		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 18

**TRT#:** 6  
**DOSE:** 10000 PPM

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 680  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Testes	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Pituitary Gland	Prostate
Salivary Glands	Stomach	Trachea	Urinary Bladder

MISSING

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

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Small	Peyers Patch	Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Multifocal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Note: STRESS NODULE MIDDLE LOBE			
Note: S			
Lymph Node	Mandibular	Hemorrhage	Multifocal, Moderate
	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Preputial Gland		Inflammation	Chronic Active, Multifocal, Moderate
Skin	Inguinal	Ulcer	Chronic Active, Focal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 19

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

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

**DAY ON TEST:** 727  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
PRIMARY CAUSE OF DEATH	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 19	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver	Pituitary Gland	Thyroid Gland
-------	-----------------	---------------

---

**OBSERVATIONS**

Eye	Retina	Atrophy	Multifocal, Marked
	Lens	Cataract	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Marked

---

**PRIMARY CAUSE OF DEATH**

-

---



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 6

SEX: Male

DAY ON TEST: 625

DOSE: 10000 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Moderate
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Harderian Gland		Inflammation	Granulomatous, Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Preputial Gland	Bilateral, Duct	Ectasia	Focal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Bilateral, Interstit Cell	Hyperplasia	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 571

**DOSE:** 0 PPM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Trachea			

**MISSING**

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Nose	Preputial Gland		

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Bilateral, Medulla	Leukemia Mononuclear	
Bone	Femur	Osteopetrosis	Multifocal, Moderate
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Marked
		Leukemia Mononuclear	
Note: STRESS NODULE LEFT LOBE			
Lung		Leukemia Mononuclear	
	Mediastinum	Lipoma	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Mesentery	Fat	Necrosis	Acute, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Ulcer	Acute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 571 <b>HISTO:</b>
----------------------	--------------------------------------	---------------------------------------	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thymus	Seminif Tub	Atrophy	Multifocal, Mild
Thyroid Gland	C Cell	Leukemia Mononuclear	
Urinary Bladder		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	

---

**PRIMARY CAUSE OF DEATH**

-

Animal Note: THORACIC CAVITY MASS IS MESENTERIC FAT PROTRUDING THROUGH

Animal Note: HEALED WOUND IN DIAPHRAGM, NO DX RENDERED

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Pituitary Gland

**OBSERVATIONS**

Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell	Hyperplasia	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 597
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Heart	Intestine Large - Colon	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Testes	Thyroid Gland	Trachea	Urinary Bladder

---

**MISSING**

Mammary Gland	Nose
---------------	------

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Bone Marrow	Erythroid Cell, Myeloid Cell	Hypoplasia	Diffuse, Moderate
Esophagus	Submucosa	Inflammation	Chronic, Multifocal, Mild
Liver	Hepatocyte	Necrosis	Acute, Multifocal, Minimal
Lung	Mediastinum	Inflammation	Granulomatous, Multifocal, Moderate
		Inflammation	Granulomatous, Multifocal, Moderate
Lymph Node	Mandibular	Inflammation	Chronic, Multifocal, Moderate
Penis		Inflammation	Necrotizing, Acute, Multifocal, Moderate
Preputial Gland		Inflammation	Necrotizing, Chronic Active, Multifocal, Marked
Prostate	Serosa	Inflammation	Chronic, Multifocal, Mild
Stomach	Forestomach, Muscularis	Inflammation	Chronic, Multifocal, Moderate
	Glandular	Inflammation	Chronic, Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Parathyroid Gland  
Spleen  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Prostate  
Stomach  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Salivary Glands  
Thymus

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Skin  
Thyroid Gland

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Heart  
Kidney  
Liver  
  
Lymph Node  
Nose  
  
Pancreas  
Pituitary Gland  
Preputial Gland  
Testes

Myocardium  
Bilateral  
Bile Duct  
  
Mandibular  
Respirat Epith  
Nasolacrim Dct  
Respirat Epith, Submucosa  
  
Acinus  
Pars Distalis  
Bilateral  
Bilateral, Interstit Cell  
Bilateral, Seminif Tub

Degeneration  
Nephropathy  
Hyperplasia  
Inflammation  
Hyperplasia  
Degeneration  
Inflammation  
Inflammation  
Atrophy  
Adenoma  
Inflammation  
Adenoma  
Atrophy

Chronic, Multifocal, Moderate  
Chronic, Multifocal, Marked  
Multifocal, Mild  
Granulomatous, Multifocal, Mild  
Lymphoid, Multifocal, Moderate  
Multifocal, Mild  
Subacute, Multifocal, Mild  
Subacute, Multifocal, Mild  
Multifocal, Marked  
  
Chronic Active, Multifocal, Mild  
  
Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 414
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver	Thyroid Gland
-------	---------------

---

**OBSERVATIONS**

Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibroma	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 21

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 659

**DOSE:** 10000 PPM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Islets, Pancreatic	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Bone	Mammary Gland	Parathyroid Gland
------	---------------	-------------------

**AUTO PRECLUDES DIAG.**

Intestine Large	Intestine Small
-----------------	-----------------

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
	Hepatocyte	Necrosis	Focal, Moderate
Lung		Congestion	Acute, Diffuse, Moderate
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
	Mediastinal	Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Focal, Minimal
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin	Subcut Tiss	Fibroma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Testes	Interstit Cell	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Tissue NOS		Chemodectoma Benign	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

MISSING

Eye	Mammary Gland	Mesentery	Zymbal's Gland
-----	---------------	-----------	----------------

OBSERVATIONS

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Multifocal, Mild
	Mesenteric	Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 22	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Concretion	Multifocal, Moderate
	Respirat Epith	Degeneration	Multifocal, Moderate
Testes	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
	Interstit Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Left	Hyperplasia	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 22

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 681

**DOSE:** 10000 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
	Atrium Lft	Thrombosis	Subacute, Multiple
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Clear Cell Focus	Multiple
	Centrilobular	Necrosis	Acute, Multifocal, Moderate
Lymph Node		Depletion Lymphoid	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Preputial Gland		Adenoma	
Prostate		Inflammation	Chronic, Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Marked
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 419 <b>HISTO:</b>
----------------------	--------------------------------------	---------------------------------------	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Islets, Pancreatic	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

---

**MISSING**

Nose	Parathyroid Gland	Preputial Gland
------	-------------------	-----------------

---

**AUTO PRECLUDES DIAG.**

Bone Marrow	Intestine Large	Intestine Small
-------------	-----------------	-----------------

---

**INSUFFICIENT TISSUE**

Thymus

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Pancreas		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 23

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 700

**DOSE:** 5000 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Pituitary Gland

**OBSERVATIONS**

Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
Lymph Node	Mediastinal	Inflammation	Chronic Active, Multifocal, Marked
	Mediastinal	Pigmentation	Hemosiderin, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Prostate		Dilatation	Multifocal, Moderate
Seminal Vesicle		Dilatation	Multifocal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Moderate
	Interstit Tiss, Right	Hemorrhage	Chronic Active, Multifocal, Marked
Thyroid Gland	Follicle	Adenoma	Cystic, Papillary

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 23

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Prostate	Salivary Glands	Skin	Spleen
Stomach	Trachea	Urinary Bladder	

**MISSING**

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

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland		Adenoma	
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	Follicle	Cyst	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 24

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 671

**DOSE:** 0 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Salivary Glands	Skin
Trachea			

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Multifocal, Moderate
Bone Marrow	Erythroid Cell, Myeloid Cell	Hypoplasia	Multifocal, Moderate
Eye	Retina	Atrophy	Multifocal, Moderate
	Lens	Cataract	Multifocal, Moderate
	Cornea	Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Cortex	Cyst	Single
	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Diffuse, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Prostate		Inflammation	Granulomatous, Multifocal, Moderate
Spleen	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Moderate
Stomach	Forestomach	Acanthosis	Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**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> Moribund	<b>DAY ON TEST:</b> 671 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

	Forestomach	Hyperkeratosis	Multifocal, Mild
	Glandular	Necrosis	Acute, Focal, Mild
Testes	Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Urinary Bladder	Mucosa	Hyperplasia	Multifocal, Mild

---

<b>PRIMARY CAUSE OF DEATH</b>	-
-------------------------------	---

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 24

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Bilateral, Cortex Bilateral	Cyst Nephropathy Polycystic Kidney	Multiple Chronic, Multifocal, Marked
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Marked
Nose	Respirat Epith Nasolacrim Dct Respirat Epith, Submucosa	Degeneration Inflammation Inflammation	Multifocal, Mild Subacute, Multifocal, Marked Subacute, Focal, Mild
Pituitary Gland Preputial Gland Spleen	Pars Distalis  Red Pulp	Cyst Adenoma Fibrosis Leukemia Mononuclear	  Chronic, Multifocal, Moderate
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Marked
Thymus Thyroid Gland	Epithel Cell C Cell	Hyperplasia Adenoma	Multifocal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 24

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 674

**DOSE:** 10000 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Inflammation	Granulomatous, Multifocal, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 652

DOSE: 0 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis	Esophagus	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	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone	Femur	Osteopetrosis	Multifocal, Moderate
Bone Marrow		Leukemia Mononuclear	
Brain	Cerebellum	Hemorrhage	Acute, Multifocal, Moderate
	Cerebrum	Hemorrhage	Acute, Multifocal, Moderate
		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Hepatocyte	Degeneration	Cystic, Focal, Moderate
	Bile Duct	Hyperplasia	Multifocal, Marked
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith	Inflammation	Chronic, Focal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 25

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 652

**DOSE:** 0 PPM

**DISP:** Moribund

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 25

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Thyroid Gland

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Inflammation

Granulomatous, Multifocal, Minimal

Necrosis

Acute, Focal, Mild

Nose

Left Lat Lobe

Respirat Epith

Degeneration

Multifocal, Mild

Nasolacrim Dct

Inflammation

Subacute, Multifocal, Mild

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Testes

Interstit Cell

Adenoma

Bilateral, Seminif Tub

Atrophy

Multifocal, Moderate

Interstit Cell, Right

Hyperplasia

Multifocal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 25                      **TRT#:** 6                      **SEX:** Male                      **DAY ON TEST:** 658  
**DOSE:** 10000 PPM                      **DISP:** Dead                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	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
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**INSUFFICIENT TISSUE**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Heart	Ventricl Lft	Thrombosis	Multiple
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Marked
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
Preputial Gland	Duct	Ectasia	Focal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Prostate		Inflammation	Chronic Active, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 713

DOSE: 0 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Eye	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pituitary Gland	Prostate	Salivary Glands	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Skin	
---------------	-------------------	------	--

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Intestine Large	Peyers Patch, Rectum	Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Hepatocyte	Degeneration	Cystic, Multifocal, Marked
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 26

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

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 713  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

Organ	Accountable Site	Status	Histo
Thymus	Interstit Cell, Right	Hyperplasia Depletion Lymphoid Leukemia Mononuclear	Multifocal, Mild Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 26

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Pituitary Gland

Thyroid Gland

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Multifocal, Mild

Lymph Node

Lumbar

Inflammation

Granulomatous, Multifocal, Moderate

Nose

Nasolacrim Dct

Inflammation

Subacute, Multifocal, Moderate

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Skin

Squamous Cell Papilloma

Testes

Bilateral, Interstit Cell

Adenoma

Bilateral, Seminif Tub

Atrophy

Multifocal, Marked

Vein

Ectasia

Chronic, Multifocal, Marked

Interstit Tiss

Hemorrhage

Chronic Active, Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 26

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
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
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Single
	Capsule	Hematocyst	Single
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Suppurative, Chronic, Multifocal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Skin		Squamous Cell Papilloma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 27      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 727  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Single
		Clear Cell Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Hemorrhage	Multifocal, Moderate
	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Right	Hyperplasia	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 4

SEX: Male

DAY ON TEST: 577

DOSE: 5000 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Thyroid Gland

OBSERVATIONS

Intestine Large

Colon, Mesothelium  
Lamina Propria, Rectum  
Mesothelium, Rectum

Inflammation  
Inflammation  
Inflammation  
Basophilic Focus  
Liposarcoma

Chronic Active, Multifocal, Moderate  
Subacute, Multifocal, Moderate  
Chronic Active, Multifocal, Moderate  
Multiple  
Metastatic (Tissue Nos)

Liver

Lung

Note: LIPOSARCOMA IS A CHORDOMA.

Nose

Respirat Epith, Submucosa

Inflammation

Acute, Multifocal, Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Moderate

Tissue NOS

Abdominal

Liposarcoma

Note: LIPOSARCOMA IS A CHORDOMA.

Urinary Bladder

Mucosa  
Muscularis

Hyperplasia  
Inflammation

Multifocal, Moderate  
Chronic Active, Multifocal, Moderate

Note: BLADDER WALL RUPTURED GROSS AND MICRO

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
 Test Type: CHRONIC  
 Route: DOSED FEED  
 Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: 2,4-Dichlorophenol  
 CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
 Time Report Requested: 16:56:58  
 First Dose M/F: NA / NA  
 Lab: BAT

ANIMAL ID: 27      TRT#: 6      SEX: Male      DAY ON TEST: 727  
 DOSE: 10000 PPM      DISP: Terminal Sacrifice      HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Blood		Leukemia Mononuclear	
Harderian Gland		Hyperplasia	Glandular, Focal, Mild
		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Focal, Mild
		Eosinophilic Focus	Multiple
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Mild
	Acinus	Cytoplasmic Alteration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Left	Hyperplasia	Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 27

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thymus

Depletion Lymphoid

Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 28

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

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

**DAY ON TEST:** 727  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Intestine Large	Colon, Peyers Patch	Leukemia Mononuclear	
Islets, Pancreatic		Mixed Tumor Malignant	
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Focal, Mild
		Eosinophilic Focus	Single
	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 28

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

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

**DAY ON TEST:** 727  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Interstit Cell, Right

Hyperplasia

Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 28	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**OBSERVATIONS**

Liver	Hepatocyte	Degeneration Leukemia Mononuclear	Cystic, Focal, Mild
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hyperplasia	Focal, Mild
Skin		Basal Cell Adenoma	
Testes	Interstit Cell	Adenoma	
Thyroid Gland	Bilateral, C Cell	Adenoma	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 28

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Salivary Glands  
Trachea

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Skin  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Pituitary Gland  
Spleen

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Prostate  
Stomach

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney  
Liver

Medulla  
Myocardium  
Bilateral  
Hepatocyte  
Mandibular  
Respirat Epith  
Nasolacrim Dct  
Respirat Epith, Submucosa  
Bilateral  
Interstit Cell  
Left, Seminif Tub  
Interstit Cell, Right

Pheochromocytoma Benign  
Degeneration  
Nephropathy  
Clear Cell Focus  
Cytoplasmic Alteration  
Eosinophilic Focus  
Hyperplasia  
Degeneration  
Inflammation  
Inflammation  
Inflammation  
Adenoma  
Atrophy  
Hyperplasia  
Depletion Lymphoid  
Hyperplasia

Chronic, Multifocal, Moderate  
Chronic, Multifocal, Mild  
Focal  
Focal, Mild  
Lymphoid, Multifocal, Moderate  
Multifocal, Moderate  
Subacute, Multifocal, Mild  
Subacute, Multifocal, Mild  
Chronic Active, Multifocal, Mild  
Multifocal, Marked  
Multifocal, Mild  
Multifocal, Mild  
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 695
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Moderate
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
	Atrium Lft	Thrombosis	Single
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Cyst	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Mesentery	Fat	Necrosis	Chronic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Minimal
	Respirat Epith	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Preputial Gland	Bilateral, Duct	Ectasia	Multifocal, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**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> Moribund	<b>DAY ON TEST:</b> 695 <b>HISTO:</b>
<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Prostate	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Inflammation	Chronic, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Leukemia Mononuclear	
	Bilateral, Seminif Tub	Adenoma	
Thymus		Atrophy	Multifocal, Moderate
		Depletion Lymphoid	Multifocal, Moderate
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

ANIMAL ID: 29	TRT#: 4 DOSE: 5000 PPM	SEX: Male DISP: Dead	DAY ON TEST: 669 HISTO:
<b>OBSERVATIONS</b>			
Intestine Small	Jejunum, Subserosa Jejunum Jejunum, Lamina Propria Jejunum Mucosa	Diverticulum Inflammation Metaplasia Necrosis Necrosis Necrosis	Proliferative, Chronic Active, Multifocal, Marked Osseous, Multifocal, Marked
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Lymph Node	Mesenteric Mesenteric	Inflammation Leukemia Mononuclear	Granulomatous, Multifocal, Mild
Nose	Respirat Epith Nasolacrim Dct	Degeneration Inflammation	Multifocal, Moderate Subacute, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pituitary Gland  
Spleen

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Prostate  
Stomach

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Trachea

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Parathyroid Gland  
Skin  
Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney  
Liver

Medulla  
Myocardium  
Bilateral  
  
Hepatocyte, Median Lobe  
Hepatocyte  
Mediastinal  
Acinus  
Respirat Epith  
Respirat Epith, Submucosa  
Acinus  
Duct  
Bilateral  
Bilateral, Interstit Cell  
Bilateral, Seminif Tub

Hyperplasia  
Degeneration  
Nephropathy  
Basophilic Focus  
Degeneration  
Vacuolization Cytoplasmic  
Inflammation  
Hyperplasia  
Degeneration  
Inflammation  
Atrophy  
Ectasia  
Inflammation  
Adenoma  
Atrophy  
Depletion Lymphoid  
Cyst

Focal, Mild  
Chronic, Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Multiple  
Fatty, Multifocal, Moderate  
Multifocal, Moderate  
Granulomatous, Multifocal, Mild  
Cystic, Multifocal, Mild  
Multifocal, Moderate  
Subacute, Multifocal, Moderate  
Multifocal, Mild  
Focal, Moderate  
Chronic Active, Multifocal, Mild  
  
Multifocal, Marked  
Multifocal, Mild  
Multiple

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Multifocal, Mild
Bone	Femur	Osteopetrosis	Multifocal, Moderate
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Inflammation	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Intestine Large	Colon, Peyers Patch	Leukemia Mononuclear	
Kidney	Cortex	Cyst	
		Leukemia Mononuclear	
Liver	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Suppurative, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 727 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Preputial Gland	Duct	Ectasia	Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Tissue NOS			

Note: TONGUE SECTION INCLUDED IS NORMAL

---

PRIMARY CAUSE OF DEATH

---

-



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 30

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	

**MISSING**

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

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 680

DOSE: 0 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla

Bone Marrow

Epididymis

Esophagus

Harderian Gland

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Pancreas

Parathyroid Gland

Salivary Glands

Stomach

Thyroid Gland

Trachea

Urinary Bladder

**MISSING**

Mammary Gland

**INSUFFICIENT TISSUE**

Bone

Eye

Thymus

**OBSERVATIONS**

Adrenal Gland

Cortex

Degeneration

Fatty, Multifocal, Mild

Cortex

Vacuolization Cytoplasmic

Multifocal, Mild

Blood

Neutrophilia

Brain

Carcinoma

Metastatic (Skin)

Heart

Myocardium

Degeneration

Chronic, Multifocal, Mild

Kidney

Bilateral

Nephropathy

Chronic, Multifocal, Mild

Liver

Bile Duct

Hyperplasia

Multifocal, Mild

Hepatocyte

Vacuolization Cytoplasmic

Multifocal, Moderate

Lung

Carcinoma

Metastatic (Skin)

Lymph Node

Carcinoma

Metastatic (Skin)

Nose

Nasolacrim Dct

Inflammation

Chronic, Multifocal, Moderate

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Focal, Mild

Preputial Gland

Bilateral

Inflammation

Chronic Active, Multifocal, Mild

Prostate

Epithelium

Hyperplasia

Multifocal, Mild

Skin

Carcinoma

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Multifocal, Moderate

Testes

Bilateral, Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**MISSING**

Nose	Pituitary Gland
------	-----------------

---

**OBSERVATIONS**

Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Moderate
Testes	Interstitial Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Marked
	Interstitial Cell, Left	Hyperplasia	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 31

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Blood	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach
Trachea	Urinary Bladder		

**MISSING**

Bone	Parathyroid Gland
------	-------------------

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Islets, Pancreatic		Adenoma	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Inflammation	Granulomatous, Multifocal, Mild
Lung	Interstitial	Inflammation	Subacute, Multifocal, Mild
Lymph Node	Mesenteric	Cyst	Multiple
	Mandibular	Hemorrhage	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Pancreas	Acinus	Adenoma	
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 32      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 727  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach	Thymus	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Inflammation	Granulomatous, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Adenocarcinoma	
	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Chronic, Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen	Red Pulp	Fibrosis	Focal, Moderate
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Right	Hyperplasia	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 32

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 679
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**INSUFFICIENT TISSUE**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Acute, Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen	Red Pulp	Fibrosis	Multifocal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Prostate  
Stomach

Blood  
Epididymis  
Intestine Large - Rectum  
Islets, Pancreatic  
Salivary Glands  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Skin  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Parathyroid Gland  
Spleen  
Urinary Bladder

**MISSING**

Mammary Gland

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland  
Harderian Gland  
Heart  
Kidney

Medulla  
Myocardium  
Renal Tubule  
Cortex  
Bilateral

Hyperplasia  
Hyperplasia  
Degeneration  
Adenocarcinoma  
Cyst  
Nephropathy  
Angiectasis  
Degeneration  
Eosinophilic Focus

Multifocal, Mild  
Glandular, Multifocal, Mild  
Chronic, Multifocal, Mild  
  
Chronic, Multifocal, Marked  
Focal, Mild  
Cystic, Multifocal, Mild  
Multiple

Liver

Hepatocyte

Hyperplasia  
Hemorrhage  
Hyperplasia  
Degeneration  
Inflammation  
Inflammation

Multifocal, Moderate  
Multifocal, Moderate  
Lymphoid, Multifocal, Moderate  
Multifocal, Mild  
Multifocal, Mild  
Chronic, Multifocal, Mild

Lymph Node

Bile Duct  
Mediastinal  
Mandibular

Atrophy  
Hyperplasia  
Abscess  
Hyperplasia

Multifocal, Mild  
Focal, Moderate  
  
Glandular, Multifocal, Mild

Nose

Respirat Epith  
Nasolacrim Dct  
Respirat Epith, Submucosa

Pancreas

Pituitary Gland

Preputial Gland

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 33

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

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

**DAY ON TEST:** 727  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

Testes	Bilateral Interstit Cell Bilateral, Seminif Tub Interstit Cell, Right	Inflammation Adenoma Atrophy Hyperplasia Carcinoma	Chronic Active, Multifocal, Mild  Multifocal, Marked Multifocal, Mild
Zymbal's Gland			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 674 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla

Pituitary Gland

Thyroid Gland

---

**OBSERVATIONS**

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Liver

Bile Duct

Hyperplasia

Multifocal, Moderate

Nose

Hepatocyte

Leukemia Mononuclear

Multifocal, Moderate

Nasolacrim Dct

Vacuolization Cytoplasmic

Inflammation

Subacute, Focal, Mild

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Spleen

Leukemia Mononuclear

---

PRIMARY CAUSE OF DEATH

-

---

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 6

SEX: Male

DAY ON TEST: 519

DOSE: 10000 PPM

DISP: Dead

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Epididymis  
Lung  
Salivary Glands  
Urinary Bladder

Bone  
Esophagus  
Parathyroid Gland  
Stomach

Bone Marrow  
Intestine Large - Colon  
Pituitary Gland  
Thyroid Gland

Brain  
Liver  
Prostate  
Trachea

**MISSING**

Intestine Large - Cecum  
Nose

Intestine Large - Rectum  
Preputial Gland

Intestine Small  
Thymus

Mammary Gland

**AUTO PRECLUDES DIAG.**

Islets, Pancreatic

Pancreas

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Eye

Cortex  
Retina  
Lens

Congestion  
Atrophy  
Cataract  
Degeneration  
Nephropathy  
Depletion Lymphoid  
Hemorrhage  
Trichoepithelioma

Multifocal, Mild  
Multifocal, Marked  
Mild  
Chronic, Multifocal, Marked  
Chronic, Multifocal, Minimal  
Multifocal, Mild  
Multifocal, Moderate

Heart  
Kidney  
Lymph Node

Myocardium  
Bilateral  
Mandibular  
Mediastinal

Necrosis  
Adenoma  
Hyperplasia

Acute, Multifocal, Mild  
Multifocal, Mild

Skin  
Spleen  
Testes

Lymph Follic  
Interstit Cell  
Interstit Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 34

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland	Preputial Gland
---------------	-----------------

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
	Atrium Lft	Thrombosis	Single
Kidney	Cortex	Cyst	Multiple
		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Multifocal, Moderate
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung	Interstitial	Inflammation	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 34

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

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

**DAY ON TEST:** 727  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

Pancreas	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Prostate	Acinus	Atrophy	Multifocal, Mild
Skin	Subcut Tiss	Inflammation	Chronic, Multifocal, Mild
Spleen		Fibroma	
Testes	Bilateral, Interstit Cell	Leukemia Mononuclear	
	Bilateral, Seminif Tub	Adenoma	Multifocal, Moderate
	Interstit Cell, Left	Atrophy	Multifocal, Mild
		Hyperplasia	
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 469
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose

---

**INSUFFICIENT TISSUE**

Pituitary Gland

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Mild
Lymph Node	Mandibular Mesenteric	Leukemia Mononuclear Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach Forestomach Glandular	Acanthosis Hyperkeratosis Necrosis	Focal, Mild Focal, Mild Acute, Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 34

TRT#: 6

SEX: Male

DAY ON TEST: 645

DOSE: 10000 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Intestine Large - Colon  
Intestine Small - Jejunum  
Skin

Bone  
Intestine Large - Rectum  
Islets, Pancreatic  
Stomach

Esophagus  
Intestine Small - Duodenum  
Parathyroid Gland  
Thyroid Gland

Intestine Large - Cecum  
Intestine Small - Ileum  
Salivary Glands  
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland  
Blood  
Bone Marrow  
Brain

Bilateral, Medulla  
  
  
Cerebrum, Medulla

Pheochromocytoma Benign  
Leukemia Mononuclear  
Leukemia Mononuclear  
Hemorrhage

Acute, Multifocal, Mild

Epididymis  
Heart

Myocardium

Leukemia Mononuclear  
Leukemia Mononuclear  
Degeneration  
Leukemia Mononuclear

Chronic, Multifocal, Mild

Kidney  
Liver

Bilateral  
Hepatocyte  
Bile Duct

Nephropathy  
Degeneration  
Hyperplasia  
Leukemia Mononuclear

Chronic, Multifocal, Moderate  
Cystic, Focal, Moderate  
Multifocal, Marked

Lung  
Lymph Node

Mandibular  
Mediastinal  
Mesenteric

Leukemia Mononuclear  
Leukemia Mononuclear  
Leukemia Mononuclear  
Leukemia Mononuclear

Nose

Respirat Epith  
Nasolacrim Dct

Degeneration  
Inflammation

Multifocal, Moderate  
Subacute, Focal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Note: PANCREATIC CYSTS NOT APPERENT ON SECTION

Pituitary Gland  
Preputial Gland  
Prostate

Pars Distalis  
Bilateral

Adenoma  
Inflammation  
Inflammation

Chronic Active, Multifocal, Mild  
Subacute, Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 6	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 645
	<b>DOSE:</b> 10000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Bilateral, Interstit Cell	Hyperplasia	Multifocal, Mild
Thymus		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Skin

Bone  
Harderian Gland  
Intestine Small - Duodenum  
Parathyroid Gland  
Thyroid Gland

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Prostate  
Trachea

Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Salivary Glands  
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland  
Blood  
Bone Marrow  
Heart  
Kidney  
Liver

Medulla  
Erythroid Cell, Myeloid Cell  
Myocardium  
Bilateral  
Bile Duct

Pheochromocytoma Benign  
Leukemia Mononuclear  
Hypoplasia  
Degeneration  
Nephropathy  
Hyperplasia

Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Multifocal, Marked

Lung

Leukemia Mononuclear  
Inflammation  
Leukemia Mononuclear

Granulomatous, Multifocal, Moderate

Lymph Node

Mandibular  
Mandibular  
Mediastinal

Cyst  
Leukemia Mononuclear  
Leukemia Mononuclear

Nose

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Pancreas

Acinus

Atrophy

Multifocal, Mild

Pituitary Gland

Pars Intermed

Cyst

Multiple

Preputial Gland

Bilateral

Inflammation

Chronic Active, Multifocal, Mild

Spleen

Leukemia Mononuclear

Stomach

Forestomach

Acanthosis

Multifocal, Mild

Testes

Bilateral, Interstit Cell  
Bilateral, Seminif Tub  
Interstit Cell, Right

Adenoma  
Atrophy  
Hyperplasia

Multifocal, Moderate  
Multifocal, Mild

Thymus

Depletion Lymphoid

Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 35

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Thyroid Gland

---

**OBSERVATIONS**

Liver	Hepatocyte	Basophilic Focus	Multiple
	Bile Duct	Degeneration	Cystic, Multifocal, Minimal
		Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Fibroadenoma	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Hemorrhage	Chronic, Focal, Moderate
	Pars Distalis	Karyomegaly	Multifocal, Mild
Testes	Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
	Interstit Cell, Left	Hyperplasia	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Epididymis	Bilateral	Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Islets, Pancreatic		Hyperplasia	Focal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Prostate		Inflammation	Subacute, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Right	Hyperplasia	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Tongue	Mucosa	Squamous Cell Papilloma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 35

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Multifocal, Mild
	Medulla	Hyperplasia	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
	Acinus	Cytoplasmic Alteration	Focal, Mild
Preputial Gland		Hyperplasia	Glandular, Focal, Mild
	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
		Note: DEPRESSED AREA ON SLIDE, NO PATHOLOGY NOTED	
Testes	Bilateral, Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 36

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 36

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 700

**DOSE:** 5000 PPM

**DISP:** Moribund

**HISTO:**

**OBSERVATIONS**

Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
	Interstit Cell	Hyperplasia	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: 2,4-Dichlorophenol  
CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
Time Report Requested: 16:56:58  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 36 TRT#: 6 SEX: Male DAY ON TEST: 727  
DOSE: 10000 PPM DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Islets, Pancreatic
Lung	Lymph Node	Parathyroid Gland	Salivary Glands
Skin	Stomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Nose	Preputial Gland	Thymus
------	-----------------	--------

AUTO PRECLUDES DIAG.

Intestine Large	Intestine Small
-----------------	-----------------

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic, Multifocal, Moderate
Spleen	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 37

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Hyperplasia	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Kidney	Epithelium, Papilla	Hyperplasia	Multifocal, Mild
	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver	Hepatocyte	Degeneration	Cystic, Focal, Moderate
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
		Neoplastic Nodule	
Lung	Interstitialium	Inflammation	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen	Red Pulp	Fibrosis	Multifocal, Moderate
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 37

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

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

**DAY ON TEST:** 728  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 426 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver	Pituitary Gland	Thyroid Gland
-------	-----------------	---------------

---

**OBSERVATIONS**

Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Zymbal's Gland		Squamous Cell Carcinoma	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: 2,4-Dichlorophenol  
CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
Time Report Requested: 16:56:58  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 37

TRT#: 6

SEX: Male

DAY ON TEST: 611

DOSE: 10000 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Epididymis	Bilateral	Inflammation	Chronic, Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Focal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 38

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Hyperplasia	Multifocal, Mild
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Small	Jejunum, Peyers Patch	Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Multifocal, Moderate
		Leukemia Mononuclear	
Lung	Interstitium	Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Cyst	Multiple
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith, Submucosa	Inflammation	Chronic, Multifocal, Mild
Preputial Gland	Bilateral, Duct	Ectasia	Multifocal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 710
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Thyroid Gland

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Nose	Respirat Epith Nasolacrim Dct	Degeneration Inflammation	Multifocal, Mild Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Multifocal, Moderate Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 38

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Karyomegaly	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Clear Cell Focus	Multiple
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Multifocal, Mild
Mesentery		Necrosis	Chronic, Focal
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Minimal
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Small	Jejunum	Sarcoma	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver	Hepatocyte	Degeneration	Cystic, Multifocal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
		Neoplastic Nodule	
Note: STRESS NODULE LEFT LOBE			
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Focal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Marked
Parathyroid Gland		Hyperplasia	Focal, Moderate
Preputial Gland	Bilateral, Duct	Ectasia	Multifocal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Stomach	Glandular, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 39	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 642
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Kidney		Congestion	Multifocal, Marked
		Mixed Tumor Malignant	
Note: MIXED TUMOR MALIGNANT CODED FOR MESENCHYMAL TUMOR MALIGNANT			
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Stomach	Glandular	Necrosis	Acute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 6

SEX: Male

DAY ON TEST: 454

DOSE: 10000 PPM

DISP: Dead

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Preputial Gland  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Salivary Glands

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Skin

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Pancreas  
Trachea

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Medulla

Pheochromocytoma Benign

Heart

Myocardium

Degeneration

Chronic, Multifocal, Mild

Kidney

Bilateral

Nephropathy

Chronic, Multifocal, Marked

Liver

Bile Duct

Hyperplasia

Multifocal, Mild

Leukemia Mononuclear

Lymph Node

Mandibular

Cyst

Mammary Gland

Acinus

Hyperplasia

Cystic, Multifocal, Moderate

Nose

Degeneration

Multifocal, Moderate

Nasolacrim Dct

Inflammation

Subacute, Focal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Cyst

Multiple

Prostate

Inflammation

Subacute, Multifocal, Mild

Spleen

Leukemia Mononuclear

Stomach

Forestomach

Squamous Cell Papilloma

Testes

Bilateral, Interstit Cell

Adenoma

Bilateral, Seminif Tub

Atrophy

Multifocal, Marked

Thymus

Depletion Lymphoid

Multifocal, Moderate

Thyroid Gland

C Cell

Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 6  
**DOSE:** 10000 PPM

**SEX:** Male  
**DISP:** Dead

**DAY ON TEST:** 454  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

C Cell

Hyperplasia

Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 40

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Cortex Bilateral	Cyst Nephropathy	Single Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mediastinal Mediastinal	Hyperplasia Inflammation	Lymphoid, Multifocal, Mild Granulomatous, Multifocal, Moderate
Mammary Gland		Fibroadenoma	
Nose	Nasolacrim Dct Respirat Epith, Submucosa	Inflammation Inflammation	Subacute, Multifocal, Mild Subacute, Multifocal, Moderate
Pancreas	Acinus	Cytoplasmic Alteration	Focal, Mild
Preputial Gland	Bilateral, Duct Bilateral	Ectasia Inflammation	Multifocal, Moderate Chronic Active, Multifocal, Moderate
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:58  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 40

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Thyroid Gland

**OBSERVATIONS**

Liver	Hepatocyte	Basophilic Focus	Multiple
	Bile Duct	Degeneration	Cystic, Multifocal, Moderate
	Hepatocyte	Hyperplasia	Multifocal, Mild
Nose	Respirat Epith	Vacuolization Cytoplasmic	Multifocal, Mild
Spleen	Red Pulp	Degeneration	Multifocal, Moderate
		Fibrosis	Multifocal, Mild
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:58

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Parathyroid Gland  
Stomach

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Prostate  
Trachea

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Urinary Bladder

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node  
Skin

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney  
Liver

Medulla  
Myocardium  
Bilateral  
  
Bile Duct  
Hepatocyte  
Respirat Epith  
Nasolacrim Dct  
Respirat Epith, Submucosa

Nose

Pancreas  
Pituitary Gland

Preputial Gland  
Spleen  
Testes  
Thymus  
Thyroid Gland

Acinus  
Pars Distalis  
Pars Distalis  
Bilateral  
Red Pulp  
Bilateral, Interstit Cell  
Follicle

Pheochromocytoma Benign  
Degeneration  
Nephropathy  
Basophilic Focus  
Clear Cell Focus  
Hyperplasia  
Vacuolization Cytoplasmic  
Degeneration  
Inflammation  
Inflammation  
Atrophy  
Adenoma  
Hyperplasia  
Inflammation  
Hematopoietic Cell Proliferation  
Adenoma  
Depletion Lymphoid  
Cyst

Chronic, Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Multiple  
Single  
Multifocal, Mild  
Multifocal, Moderate  
Multifocal, Moderate  
Subacute, Multifocal, Mild  
Subacute, Multifocal, Mild  
Focal, Mild  
  
Multifocal, Moderate  
Chronic Active, Multifocal, Mild  
Multifocal, Moderate  
  
Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 40

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea			

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Multifocal, Marked
		Leukemia Mononuclear	
		Neoplastic Nodule	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hemorrhage	Multifocal, Moderate
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Parathyroid Gland		Adenoma	
Preputial Gland		Inflammation	Chronic Active, Multifocal, Moderate
Prostate		Inflammation	Chronic, Multifocal, Moderate
Spleen	Red Pulp	Fibrosis	Focal, Mild
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy Leukemia Mononuclear	Multifocal, Marked
Urinary Bladder			

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Note: MEDIAN LOBE HIATAL STRESS NODULE Note: LEFT LOBE HAS CLEFT AT TIP, NO MASS OR NODULE			
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Marked
Thyroid Gland	Follicle	Adenoma	Cystic

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 41

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 700

**DOSE:** 10000 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pituitary Gland	Prostate	Salivary Glands
Stomach	Trachea	Urinary Bladder	

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Multifocal, Mild
Preputial Gland	Bilateral, Duct	Ectasia	Multifocal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Skin		Squamous Cell Carcinoma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 6 <b>DOSE:</b> 10000 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 700 <b>HISTO:</b>
----------------------	--	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thymus	Right, Seminif Tub	Atrophy	Multifocal, Marked
Thyroid Gland	Follicle	Leukemia Mononuclear	
	C Cell	Cyst	
		Hyperplasia	Focal, Mild

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Rectum  
Lung  
Salivary Glands  
Urinary Bladder

Bone  
Harderian Gland  
Intestine Small - Duodenum  
Mammary Gland  
Skin

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Pituitary Gland  
Thyroid Gland

Epididymis  
Intestine Large - Colon  
Islets, Pancreatic  
Prostate  
Trachea

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Bone Marrow  
Heart  
Intestine Small  
Kidney  
Liver  
  
Lymph Node  
Nose  
  
Pancreas  
Preputial Gland

Bilateral, Medulla  
  
Myocardium  
Jejunum, Peyers Patch  
Bilateral  
Bile Duct  
  
Respirat Epith  
Respirat Epith, Submucosa  
Acinus

Pheochromocytoma Benign  
Leukemia Mononuclear  
Degeneration  
Leukemia Mononuclear  
Nephropathy  
Hyperplasia  
Leukemia Mononuclear  
Leukemia Mononuclear  
Degeneration  
Inflammation  
Atrophy  
Adenoma  
Inflammation  
Leukemia Mononuclear  
Squamous Cell Papilloma  
Adenoma  
Atrophy  
Atrophy  
Hyperplasia

Chronic, Multifocal, Moderate  
  
Chronic, Multifocal, Mild  
Multifocal, Moderate  
  
Multifocal, Minimal  
Subacute, Multifocal, Mild  
Multifocal, Moderate  
  
Chronic Active, Multifocal, Mild

Spleen  
Stomach  
Testes

Forestomach  
Interstit Cell  
Left, Seminif Tub  
Right, Seminif Tub  
Interstit Cell, Left

Multifocal, Mild  
Multifocal, Marked  
Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 42

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

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

**DAY ON TEST:** 728  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thymus	Depletion Lymphoid	Multifocal, Moderate
--------	--------------------	----------------------

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 700
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Moribund	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Thyroid Gland

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Marked
Nose	Respirat Epith Nasolacrim Dct Respirat Epith, Submucosa	Degeneration Inflammation Inflammation	Multifocal, Mild Subacute, Multifocal, Mild Subacute, Multifocal, Moderate
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Focal, Moderate
Prostate		Inflammation	Chronic Active, Multifocal, Mild
Spleen	Red Pulp	Fibrosis Leukemia Mononuclear	Focal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Rectum  
Islets, Pancreatic  
Prostate  
Stomach

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Thyroid Gland

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node  
Skin  
Trachea

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pituitary Gland  
Spleen  
Urinary Bladder

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland  
Heart  
Kidney  
Liver  
Mammary Gland  
Nose  
  
Pancreas  
Parathyroid Gland  
Preputial Gland  
Testes  
  
Thymus

Cortex  
Myocardium  
Bilateral  
Hepatocyte  
Acinus  
Respirat Epith  
Respirat Epith, Submucosa  
Acinus  
  
Bilateral, Interstit Cell  
Bilateral, Seminif Tub

Hyperplasia  
Degeneration  
Nephropathy  
Vacuolization Cytoplasmic  
Hyperplasia  
Degeneration  
Inflammation  
Atrophy  
Hyperplasia  
Inflammation  
Adenoma  
Atrophy  
Depletion Lymphoid

Multifocal, Mild  
Chronic, Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Multifocal, Moderate  
Cystic, Multifocal, Moderate  
Multifocal, Moderate  
Subacute, Multifocal, Mild  
Multifocal, Mild  
Multifocal, Mild  
Chronic Active, Multifocal, Mild  
  
Multifocal, Moderate  
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 43

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	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	Skin	Stomach
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Hyperplasia	Multifocal, Mild
	Medulla	Hyperplasia	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Lung	Interstitial	Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 4

SEX: Male

DAY ON TEST: 690

DOSE: 5000 PPM

DISP: Dead

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Pituitary Gland

Thyroid Gland

**OBSERVATIONS**

Epididymis

Head

Granuloma Sperm

Single, Moderate

Intest Small

Note: NO BLACK PIGMENT FOUND IN ILEUM AT CUT IN

Kidney

Bilateral, Pelvis

Hydronephrosis

Multifocal, Marked

Bilateral, Cortex

Mineralization

Multifocal, Moderate

Liver

Bile Duct

Hyperplasia

Multifocal, Moderate

Inflammation

Granulomatous, Multifocal, Moderate

Lung

Adenocarcinoma

Metastatic (Mammary Gland)

Interstitialium

Mineralization

Multifocal, Moderate

Lymph Node

Mediastinal

Inflammation

Chronic, Multifocal, Moderate

Mammary Gland

Adenocarcinoma

Nose

Respirat Epith

Degeneration

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 43

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 623

**DOSE:** 10000 PPM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Harderian Gland	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	Skin
Thyroid Gland	Trachea	Urinary Bladder	

**AUTO PRECLUDES DIAG.**

Kidney

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
	Hepatocyte	Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Multifocal, Marked
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Necrosis	Acute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Interstit Cell	Hyperplasia	Multifocal, Mild
Thymus		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

**INSUFFICIENT TISSUE**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Medulla	Degeneration Pheochromocytoma Complex	Fatty, Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Cortex Bilateral	Cyst Nephropathy	Single Chronic, Multifocal, Marked
Liver	Hepatocyte	Basophilic Focus Degeneration Eosinophilic Focus	Multiple Cystic, Focal, Mild Multiple
Lung	Interstitialium	Metaplasia	Osseous, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Inflammation	Suppurative, Multifocal, Moderate
Pancreas	Acinus Duct	Atrophy Ectasia	Multifocal, Mild Multifocal, Moderate
Parathyroid Gland		Hyperplasia	Multifocal, Mild
Preputial Gland	Bilateral, Duct Bilateral	Ectasia Inflammation	Multifocal, Moderate Chronic Active, Multifocal, Mild
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thyroid Gland	C Cell	Hyperplasia	Focal, Mild
Urin Bladder			

Note: NOTHING IN BLADDER LUMEN ON MICRO

---

PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Nose	Pituitary Gland	Thyroid Gland
------	-----------------	---------------

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia	Multifocal, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Multifocal, Moderate
	Interstit Cell	Hyperplasia	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 44

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Multifocal, Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	Multifocal, Marked
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate
Thymus		Depletion Lymphoid	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 44

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	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	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Multifocal, Mild
	Medulla	Hyperplasia	Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Parathyroid Gland		Cytoplasmic Alteration	Focal, Moderate
Pituitary Gland	Pars Intermed	Cyst	
Preputial Gland	Bilateral, Duct	Ectasia	Multifocal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Prostate		Inflammation	Chronic, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 45

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Liver	Hepatocyte Hepatocyte	Basophilic Focus Cytoplasmic Alteration Degeneration Leukemia Mononuclear	Multiple Multifocal, Mild Cystic, Multifocal, Moderate
Nose	Respirat Epith Nasolacrim Dct	Degeneration Inflammation	Multifocal, Mild Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Marked
Thyroid Gland	C Cell	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 45

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Cortex Cortex Medulla	Degeneration Hematopoietic Cell Proliferation Hyperplasia Hyperplasia	Fatty, Focal, Moderate Multifocal, Mild Focal, Mild Focal, Mild
Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Basophilic Focus Hyperplasia Leukemia Mononuclear	Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal	Leukemia Mononuclear Leukemia Mononuclear	
Nose	Respirat Epith Nasolacrim Dct	Degeneration Inflammation	Multifocal, Moderate Subacute, Focal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Moderate
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicle	Cyst	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 45

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Prostate	Skin	Spleen	Stomach
Thymus	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Cortex	Cyst	Single
	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
Lung	Interstitialium	Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Cyst	
	Mandibular	Hemorrhage	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
Preputial Gland	Bilateral	Hyperplasia	Glandular, Multifocal, Moderate
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Salivary Glands	Acinus	Atrophy	Multifocal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Right, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Left	Hyperplasia	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 46

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Thyroid Gland

**OBSERVATIONS**

Liver	Hepatocyte	Basophilic Focus	Multiple
	Bile Duct	Degeneration	Cystic, Focal, Mild
Nose	Respirat Epith	Hyperplasia	Multifocal, Mild
	Nasolacrim Dct	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Spleen	Capsule	Inflammation	Subacute, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Cyst	Multiple
	Bilateral, Seminif Tub	Adenoma	
		Atrophy	Multifocal, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 46

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Rectum  
Islets, Pancreatic  
Pituitary Gland  
Spleen  
Urinary Bladder

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Prostate  
Stomach

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Thyroid Gland

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Skin  
Trachea

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney  
Liver  
Lymph Node  
Nose  
  
Preputial Gland  
Testes  
  
Thymus

Medulla  
Myocardium  
Bilateral  
  
Mediastinal  
Respirat Epith  
Respirat Epith, Submucosa  
Bilateral  
Bilateral, Interstit Cell  
Bilateral, Seminif Tub

Hyperplasia  
Degeneration  
Nephropathy  
Eosinophilic Focus  
Hemorrhage  
Degeneration  
Inflammation  
Inflammation  
Adenoma  
Atrophy  
Depletion Lymphoid

Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Multiple  
Multifocal, Mild  
Multifocal, Mild  
Subacute, Multifocal, Mild  
Chronic Active, Multifocal, Mild  
  
Multifocal, Marked  
Multifocal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 663

DOSE: 0 PPM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Harderian Gland	Islets, Pancreatic	Liver	Pancreas
Preputial Gland	Salivary Glands	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large	Intestine Small
-----------------	-----------------

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Neutrophil, Multifocal, Moderate
		Myelofibrosis	Multifocal, Marked
Heart	Myocardium	Degeneration	Chronic, Multifocal, Marked
	Artery	Mineralization	Multifocal, Mild
	Myocardium	Mineralization	Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Lung	Interstitialium	Inflammation	Chronic, Multifocal, Moderate
	Interstitialium	Mineralization	Multifocal, Moderate
Lymph Node	Mediastinal	Inflammation	Subacute, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith	Metaplasia	Squamous, Multifocal, Moderate
Parathyroid Gland		Hyperplasia	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Prostate		Inflammation	Suppurative, Chronic, Multifocal, Marked
Skin		Squamous Cell Papilloma	
Spleen	Red Pulp	Fibrosis	Multifocal, Mild
Stomach	Forestomach, Muscularis	Mineralization	Multifocal, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 663 <b>HISTO:</b>
----------------------	--------------------------------------	---------------------------------------	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Testes	Glandular, Muscularis Interstit Cell Interstit Cell, Left	Mineralization Adenoma Hyperplasia Depletion Lymphoid	Multifocal, Marked  Multifocal, Mild Multifocal, Moderate
--------	---	--	--

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland

---

**OBSERVATIONS**

Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Testes	Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Right	Hyperplasia	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Epididymis  
Intestine Small - Ileum  
Lung  
Prostate  
Thyroid Gland

Adrenal Gland - Medulla  
Esophagus  
Intestine Small - Jejunum  
Lymph Node  
Salivary Glands  
Trachea

Bone  
Harderian Gland  
Islets, Pancreatic  
Parathyroid Gland  
Skin  
Urinary Bladder

Brain  
Intestine Small - Duodenum  
Liver  
Pituitary Gland  
Spleen

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Stomach

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow  
Heart  
Intestine Large  
  
Kidney  
Nose  
Pancreas  
Preputial Gland  
Testes  
  
Thymus

Myocardium  
Colon, Peyers Patch  
Peyers Patch, Rectum  
Bilateral  
Respirat Epith, Submucosa  
Acinus  
Bilateral  
Bilateral, Interstit Cell  
Bilateral, Seminif Tub

Hyperplasia  
Degeneration  
Hyperplasia  
Hyperplasia  
Nephropathy  
Inflammation  
Atrophy  
Inflammation  
Adenoma  
Atrophy  
Depletion Lymphoid

Neutrophil, Multifocal, Mild  
Chronic, Multifocal, Mild  
Lymphoid, Multifocal, Moderate  
Lymphoid, Multifocal, Moderate  
Chronic, Multifocal, Marked  
Subacute, Multifocal, Moderate  
Multifocal, Minimal  
Chronic Active, Multifocal, Mild  
  
Multifocal, Marked  
Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 48

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

**SEX:** Male  
**DISP:** Dead

**DAY ON TEST:** 622  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Nose	Parathyroid Gland
---------------	------	-------------------

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Angiectasis	Focal, Moderate
	Hepatocyte	Degeneration	Cystic, Focal, Moderate
	Bile Duct	Hyperplasia	Chronic, Multifocal, Marked
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Duct	Ectasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Left, Seminif Tub	Atrophy	Multifocal, Marked
	Interstit Cell, Right	Hyperplasia	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 4	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 559
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Dead	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pituitary Gland	Thyroid Gland
-----------------	---------------

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Lymph Node	Mesenteric Axillary Mesenteric	Hemorrhage Leukemia Mononuclear Leukemia Mononuclear	Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Spleen		Leukemia Mononuclear	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 6

SEX: Male

DAY ON TEST: 219

DOSE: 10000 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Lung  
Prostate  
Stomach  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Intestine Small - Jejunum  
Pancreas  
Salivary Glands  
Testes  
Urinary Bladder

Bone  
Esophagus  
Islets, Pancreatic  
Parathyroid Gland  
Skin  
Thymus

Bone Marrow  
Heart  
Liver  
Pituitary Gland  
Spleen  
Thyroid Gland

**MISSING**

Mammary Gland

Nose

Preputial Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Kidney  
Lymph Node  
Pancreas

Bilateral  
Mediastinal

Nephropathy  
Hemorrhage

Chronic, Multifocal, Minimal  
Multifocal, Mild

Note: ECTOPIC THYMUS NEXT TO PANCREAS

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: 2,4-Dichlorophenol  
CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
Time Report Requested: 16:56:59  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 49      TRT#: 1      SEX: Male      DAY ON TEST: 728  
DOSE: 0 PPM      DISP: Terminal Sacrifice      HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Pituitary Gland	Thymus	
---------------	-----------------	--------	--

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Multifocal, Mild
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Preputial Gland	Bilateral	Inflammation	Chronic Active, Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 4 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
<b>OBSERVATIONS</b>			
Kidney	Cortex Right	Cyst Cyst Cyst	
Liver	Bilateral Hepatocyte	Nephropathy Basophilic Focus Cytoplasmic Alteration Eosinophilic Focus	Chronic, Multifocal, Marked Multiple Multifocal, Mild Single
Nose	Respirat Epith Nasolacrim Dct	Degeneration Inflammation	Multifocal, Moderate Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell Bilateral, Seminif Tub	Adenoma Atrophy	Multifocal, Moderate
Thyroid Gland	C Cell Follicle C Cell	Adenoma Adenoma Hyperplasia	Multiple Cystic Multifocal, Mild
<b>PRIMARY CAUSE OF DEATH</b>			
-			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 6

SEX: Male

DAY ON TEST: 727

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Prostate  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Rectum  
Islets, Pancreatic  
Salivary Glands  
Urinary Bladder

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Skin

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Parathyroid Gland  
Stomach

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Heart  
Kidney  
Liver  
Lymph Node  
Nose  
  
Pancreas  
  
Pituitary Gland  
Preputial Gland  
Spleen  
Testes  
  
Thymus  
Thyroid Gland

Myocardium  
Bilateral  
Bile Duct  
Mandibular  
Respirat Epith  
Nasolacrim Dct  
Respirat Epith, Submucosa  
  
Acinus  
Duct  
Pars Intermed  
Bilateral  
Red Pulp  
Bilateral, Interstit Cell  
Bilateral, Seminif Tub  
  
C Cell

Degeneration  
Nephropathy  
Hyperplasia  
Hyperplasia  
Degeneration  
Inflammation  
Inflammation  
Atrophy  
Ectasia  
Carcinoma  
Inflammation  
Hematopoietic Cell Proliferation  
Adenoma  
Atrophy  
Depletion Lymphoid  
Adenoma

Chronic, Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Multifocal, Mild  
Plasma Cell, Multifocal, Moderate  
Multifocal, Mild  
Subacute, Focal, Moderate  
Subacute, Multifocal, Mild  
Multifocal, Moderate  
Multifocal, Mild  
  
Chronic Active, Multifocal, Mild  
Multifocal, Moderate  
  
Multifocal, Marked  
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 665

DOSE: 0 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Hyperplasia	Neutrophil, Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Chronic, Multifocal, Moderate
Spleen	Red Pulp	Fibrosis	Multifocal, Moderate
		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Bilateral, Interstit Cell	Hyperplasia	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 50

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

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 665  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 50

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Thyroid Gland

**OBSERVATIONS**

Liver	Hepatocyte	Degeneration	Cystic, Multifocal, Mild
	Bile Duct	Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Testes	Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 50

**TRT#:** 6

**SEX:** Male

**DAY ON TEST:** 727

**DOSE:** 10000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Large	Colon, Peyers Patch	Hyperplasia	Lymphoid, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Single
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Cystic, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Multifocal, Mild
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Preputial Gland		Adenoma	
	Bilateral	Inflammation	Chronic Active, Multifocal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Bilateral, Seminif Tub	Atrophy	Chronic, Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 1                      **TRT#:** 2                      **SEX:** Female                      **DAY ON TEST:** 729  
**DOSE:** 0 PPM                      **DISP:** Terminal Sacrifice                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone	Femur	Osteopetrosis	Multifocal, Moderate
Eye		Hemorrhage	Acute, Multifocal, Moderate
Note: HEMORRHAGE IS RETRO ORBITAL			
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hemorrhage	Multifocal, Moderate
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus		Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
	Endometrium	Deciduoma Nos	
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node
-------------------------	------------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Bilateral, Cortex	Hyperplasia	Multifocal, Mild
Liver		Angiectasis	Multifocal, Moderate
		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 1                      **TRT#:** 5                      **SEX:** Female                      **DAY ON TEST:** 728  
**DOSE:** 5000 PPM                      **DISP:** Terminal Sacrifice                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mesentery	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
	Mediastinal	Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Fibroadenoma	Multiple
	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Focal, Moderate
Uterus	Bilateral, Lumen	Ectasia	Multifocal, Moderate
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Trachea	Urinary Bladder

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Clitoral Gland		Adenoma	
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Minimal
Kidney	Cortex	Inflammation	Chronic, Focal, Moderate
	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Lung		Hemorrhage	Acute, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Pancreas
-------------------------	----------

---

**MISSING**

Lymph Node

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Liver		Basophilic Focus	Multiple
Note: LEFT LOBE HIATAL STRESS NODULE			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple
Skin	Subcut Tiss	Fibroma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Uterus	Endometrium	Hemorrhage	Multifocal, Moderate
		Polyp Stromal	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 2                      **TRT#:** 5                      **SEX:** Female                      **DAY ON TEST:** 728  
**DOSE:** 5000 PPM                      **DISP:** Terminal Sacrifice                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder	Uterus	

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
Lung		Carcinoma	Metastatic (Thyroid Gland)
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Cortex Cortex	Degeneration Hyperplasia Hypertrophy Hyperplasia	Fatty, Focal, Mild Multifocal, Mild Focal, Moderate
Bone Marrow		Inflammation	Reticulum Cell, Multifocal, Mild
Harderian Gland		Degeneration	Subacute, Multifocal, Mild
Heart	Myocardium	Nephropathy	Chronic, Multifocal, Mild
Kidney	Bilateral	Basophilic Focus	Chronic, Multifocal, Minimal
Liver		Hemorrhage	Multiple
Lymph Node	Mandibular	Hyperplasia	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Inflammation	Focal, Mild
Spleen	Lymph Follic	Depletion Lymphoid	Granulomatous, Multifocal, Mild
Thymus		Adenoma	Multifocal, Moderate
Thyroid Gland	C Cell C Cell	Hyperplasia	Multifocal, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Lymph Node

Spleen

**OBSERVATIONS**

Pancreas

Acinus

Atrophy

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

---

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 5 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder

---

**MISSING**

Parathyroid Gland

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lung	Interstitialium	Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
Ovary	Follicle	Cyst	Multiple
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Carcinoma	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder	Uterus		

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Intestine Large	Rectum	Parasite Metazoan	Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 610 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Degeneration	Fatty, Diffuse, Marked
Lymph Node	Mandibular	Pigmentation	Hemosiderin, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Multiple
Spleen	Lymph Follic	Depletion Lymphoid	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
	Medulla	Hyperplasia	Multifocal, Mild
Bone Marrow		Hyperplasia	Neutrophil, Multifocal, Mild
Eye	Retina	Atrophy	Multifocal, Marked
	Lens	Cataract	Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Large	Rectum	Parasite Metazoan	Single, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Mild
Pituitary Gland	Pars Intermed	Adenoma	
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 2 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
--------------	------------------------	---	----------------------------

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
	Cortex	Hyperplasia	Multifocal, Mild
Bone	Femur	Osteopetrosis	Multifocal, Mild
Bone Marrow		Hyperplasia	Reticulum Cell, Multifocal, Mild
Clitoral Gland		Cyst	Multiple
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Minimal
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Minimal
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
	Mediastinal	Inflammation	Granulomatous, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Lymph Node	Pancreas
------------------------	------------	----------

---

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign
Spleen		Leukemia Mononuclear

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Lumen	Ectasia	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder

**MISSING**

Bone

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Congestion	Subacute, Multifocal, Moderate
Blood		Leukemia Mononuclear	
Clitoral Gland		Cyst	Multiple
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	Single
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Pancreas
-------------------------	----------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Multifocal, Mild
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
Spleen	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 5 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
---------------------	---	---	--

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

PRESENT BUT NOT EXAMINED

Blood			
-------	--	--	--

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Brain	Cerebrum	Compression	Focal, Moderate
	Ventricle	Hydrocephalus	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
Lymph Node	Mandibular	Hemorrhage	Multifocal, Moderate
	Mediastinal	Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
Ovary	Follicle	Cyst	Multiple
Parathyroid Gland		Hyperplasia	Glandular, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Multifocal, Moderate
Spleen	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Uterus		Polyp Stromal	

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

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Pancreas	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

---

**MISSING**

Intestine Large - Rectum	Parathyroid Gland
--------------------------	-------------------

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Subacute, Multifocal, Mild
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Focal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mediastinal	Hemorrhage	Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
Ovary	Follicle	Cyst	Single
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Moderate
		Polyp Stromal	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node	Pancreas
------------------------	-------------------------	------------	----------

---

**OBSERVATIONS**

Liver		Basophilic Focus Neoplastic Nodule	Multiple
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: 2,4-Dichlorophenol  
CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
Time Report Requested: 16:56:59  
First Dose M/F: NA / NA  
Lab: BAT

---

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 5 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach	Trachea		

---

**OBSERVATIONS**

Intestine Large	Rectum	Parasite Metazoan	Single
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Single
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
	Mandibular	Hyperplasia	Histiocytic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Moderate
Ovary	Follicle	Cyst	Multiple
Pituitary G1			
Note: PITUITARY WENT THROUGH DECAL SOLUTION			
Skin		Trichoepithelioma	
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Urinary Bladder	Transit Epithe	Papilloma	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 610 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Ovary	Pancreas	Salivary Glands	Stomach
Trachea	Urinary Bladder	Uterus	

---

**MISSING**

Clitoral Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Nose	Parathyroid Gland	

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Inflammation	Granulomatous, Multifocal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Axillary, Subcut Tiss	Inflammation	Chronic Active, Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	Follicle	Cyst	Single
	C Cell	Hyperplasia	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Pancreas	Spleen
-------------------------	------------	----------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Cytoplasmic Alteration	Multifocal, Mild
	Cortex	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 5 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach	Thyroid Gland	Trachea	Urinary Bladder

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Adenoma	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Hemorrhage	Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
---------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Ovary
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder		

---

**MISSING**

Parathyroid Gland

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Minimal
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
Lymph Node	Mediastinal	Inflammation	Granulomatous, Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hemorrhage	Focal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Moderate
Uterus	Bilateral	Polyp Stromal	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
---------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Spleen
-------------------------	------------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Note: MEDIAN LOBE HIATAL STRESS NODULE			
Pancreas	Acinus	Atrophy	Focal, Mild
Uterus	Bilateral, Lumen	Ectasia	Moderate
		Polyp Stromal	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 9

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Kidney	Lung	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Stomach	Thymus	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Marked
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	
Skin	Subcut Tiss, Thoracic	Lipoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 10

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach	Trachea	Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Minimal
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
Mammary Gland	Acinus	Hyperplasia	Cystic, Multiple, Moderate
Nose	Respirat Epith, Submucosa	Congestion	Acute, Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
Ovary	Follicle	Cyst	Multiple
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Lumen	Ectasia	Multifocal, Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 10	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Pancreas
-------------------------	----------

---

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Cortex	Degeneration Hyperplasia Inflammation	Fatty, Focal, Moderate Multifocal, Mild Granulomatous, Multifocal, Mild
Liver			
Note: MIDDLE LOBE HIATAL STRESS NODULE			
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 5

SEX: Female

DAY ON TEST: 571

DOSE: 5000 PPM

DISP: Dead

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Salivary Glands

Bone

Esophagus

Heart

**MISSING**

Clitoral Gland

Mammary Gland

Nose

Thymus

**AUTO PRECLUDES DIAG.**

Bone Marrow  
Islets, Pancreatic  
Parathyroid Gland

Brain

Kidney

Pituitary Gland

Intestine Large

Ovary

Thyroid Gland

Intestine Small

Pancreas

Urinary Bladder

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Liver

Cortex

Degeneration  
Basophilic Focus

Fatty, Focal, Mild  
Multiple

Lung  
Lymph Node

Centrilobular

Interstitial

Mandibular

Mediastinal

Abdominal

Lymph Follic

Red Pulp

Forestomach

Forestomach

Wall

Endometrium

Pigmentation

Inflammation

Depletion Lymphoid

Hemorrhage

Ulcer

Depletion Lymphoid

Pigmentation

Hyperkeratosis

Hyperplasia

Hemorrhage

Hyperplasia

Polyp Stromal

Hemosiderin, Multifocal, Moderate

Acute, Multifocal, Mild

Multifocal, Moderate

Multifocal, Marked

Acute, Focal, Mild

Multifocal, Marked

Hemosiderin, Multifocal, Moderate

Multifocal, Moderate

Squamous, Multifocal, Moderate

Multifocal, Moderate

Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: 2,4-Dichlorophenol  
CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
Time Report Requested: 16:56:59  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 11      TRT#: 2      SEX: Female      DAY ON TEST: 729  
DOSE: 0 PPM      DISP: Terminal Sacrifice      HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex Cortex	Congestion Hyperplasia Leukemia Mononuclear	Multifocal, Moderate Focal, Mild
Blood		Degeneration	
Heart	Myocardium	Cyst	Chronic, Multifocal, Mild
Kidney	Left, Medulla	Leukemia Mononuclear	Multiple
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Minimal
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 11	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 188 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Pancreas
-------------------------	------------	----------

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Congestion	Multifocal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multiple, Mild
	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Mild
Urinary Bladder	Lumen	Calculus Gross Observation	
	Mucosa	Hyperplasia	Chronic, Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	

**MISSING**

Clitoral Gland	Mammary Gland
----------------	---------------

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Multifocal, Minimal
Liver		Basophilic Focus	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lymph Node	Mandibular	Hemorrhage	Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Cyst	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Lumen	Ectasia	Multifocal, Moderate
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Trachea

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Urinary Bladder

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Skin

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Stomach

**MISSING**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland

Cortex  
Cortex

Degeneration  
Hyperplasia

Fatty, Focal, Mild  
Multifocal, Mild

Harderian Gland

Myocardium

Inflammation

Subacute, Multifocal, Mild

Heart

Rectum

Degeneration

Chronic, Multifocal, Moderate

Intestine Large

Bilateral

Parasite Metazoan

Mild

Kidney

Bilateral

Nephropathy

Chronic, Multifocal, Moderate

Liver

Basophilic Focus

Multiple

Lymph Node

Mediastinal

Inflammation

Granulomatous, Multifocal, Mild

Mandibular

Hemorrhage

Multifocal, Moderate

Nose

Nasolacrim Dct

Hyperplasia

Lymphoid, Multifocal, Moderate

Respirat Epith, Submucosa

Inflammation

Subacute, Focal, Mild

Inflammation

Subacute, Multifocal, Mild

Ovary

Acinus

Atrophy

Multifocal, Minimal

Pancreas

Pars Distalis

Adenoma

Pituitary Gland

Red Pulp

Hematopoietic Cell Proliferation

Multifocal, Mild

Spleen

C Cell

Adenoma

Thyroid Gland

Serosa

Inflammation

Chronic, Focal, Moderate

Note: LEFT HORN TIP, OVIDUCT, AND OVARY ADHESSED TO SPLEEN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01

**Test Type:** CHRONIC

**Route:** DOSED FEED

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2,4-Dichlorophenol

**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:56:59

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

**Lab:** BAT

---

**ANIMAL ID:** 12

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: LEFT HORN TIP, OVIDUCT, AND OVARY ADHESSED TO SPLEEN

Note: L

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Marked
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Mild
Ovary	Periovarn Tiss	Cyst	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 5

SEX: Female

DAY ON TEST: 656

DOSE: 5000 PPM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Clitoral Gland	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain	Medulla	Hemorrhage	Focal, Moderate
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney	Renal Tubule	Degeneration	Acute, Multifocal, Moderate
Liver		Angiectasis	Multifocal, Mild
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	Multiple
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Mild
Uterus	Bilateral	Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 12

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 656

**DOSE:** 5000 PPM

**DISP:** Dead

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 13

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 695  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Salivary Glands  
Trachea

Adrenal Gland - Medulla  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Skin  
Urinary Bladder

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Pancreas  
Spleen

Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Parathyroid Gland  
Stomach

**MISSING**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone  
Brain  
Heart  
Kidney  
Liver  
Lymph Node  
  
Mammary Gland  
Nose  
Ovary  
Pituitary Gland  
Thyroid Gland

Femur  
Cerebrum  
Myocardium  
Bilateral  
  
Mandibular  
Mediastinal  
Acinus  
Respirat Epith  
Periovarn Tiss  
Pars Distalis  
C Cell  
C Cell  
Endometrium

Osteopetrosis  
Compression  
Degeneration  
Nephropathy  
Inflammation  
Hyperplasia  
Inflammation  
Hyperplasia  
Degeneration  
Cyst  
Adenoma  
Adenoma  
Hyperplasia  
Hyperplasia

Multifocal, Moderate  
Focal, Moderate  
Chronic, Multifocal, Mild  
Chronic, Multifocal, Moderate  
Granulomatous, Multifocal, Mild  
Plasma Cell, Multifocal, Moderate  
Granulomatous, Multifocal, Mild  
Cystic, Multifocal, Moderate  
Multifocal, Mild  
  
Multifocal, Mild  
Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Pancreas
-------------------------	------------	----------

---

**OBSERVATIONS**

Adrenal Gland	Cortex, Right Cortex	Atrophy Carcinoma	Multifocal, Moderate
Clitoral Gland		Adenoma	
Liver		Basophilic Focus Inflammation	Multiple Subacute, Multifocal, Mild
Note: MEDIAN LOBE HAS FIBROUS ADHESION TO DIAPHRAGM Note: LEFT LOBE HIATAL STRESS NODULE			
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Focal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Pancreas  
Stomach

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Parathyroid Gland  
Trachea

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Nose  
Salivary Glands  
Urinary Bladder

Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Skin

MISSING

Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland  
Bone  
Heart  
Kidney  
Liver

Cortex  
Femur  
Myocardium  
Bilateral  
  
Bile Duct

Hyperplasia  
Osteopetrosis  
Degeneration  
Nephropathy  
Basophilic Focus  
Hyperplasia  
Inflammation  
Hemorrhage  
Hyperplasia  
Carcinoma  
Hematopoietic Cell Proliferation  
Adenoma  
Ectasia  
Hyperplasia

Focal, Moderate  
Multifocal, Moderate  
Chronic, Multifocal, Mild  
Chronic, Multifocal, Minimal  
Multiple  
Multifocal, Mild  
Granulomatous, Multifocal, Mild  
Multifocal, Moderate  
Cystic, Multifocal, Mild  
  
Multifocal, Mild  
  
Focal, Mild  
Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 14      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder		

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Eye	Retina	Atrophy	Multifocal, Marked
	Lens	Cataract	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Clear Cell Focus	Single
		Hemorrhage	Acute, Multifocal, Moderate
		Inflammation	Granulomatous, Multifocal, Mild
	Hepatocyte	Necrosis	Acute, Multifocal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex  
Spleen

Adrenal Gland - Medulla

Lymph Node

Pancreas

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 14

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Urinary Bladder

Adrenal Gland - Medulla  
Intestine Large - Cecum  
Intestine Small - Ileum  
Nose  
Skin  
Uterus

Bone  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Stomach

Bone Marrow  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Trachea

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Brain

Cerebrum  
Ventricle

Carcinoma  
Compression  
Hydrocephalus  
Hyperplasia  
Inflammation  
Degeneration  
Nephropathy  
Basophilic Focus  
Inflammation

Metastatic (Pituitary Gland)  
Focal, Moderate  
Multifocal, Mild  
Glandular, Focal, Mild  
Subacute, Multifocal, Mild  
Chronic, Multifocal, Mild  
Chronic, Multifocal, Mild  
Multiple  
Granulomatous, Multifocal, Moderate  
Multifocal, Mild  
Cystic, Multifocal, Mild

Clitoral Gland  
Harderian Gland  
Heart  
Kidney  
Liver

Myocardium  
Bilateral

Hemorrhage  
Hyperplasia  
Cyst  
Carcinoma  
Hematopoietic Cell Proliferation  
Depletion Lymphoid  
Adenoma

Lymph Node  
Mammary Gland  
Ovary  
Pituitary Gland  
Spleen  
Thymus  
Thyroid Gland

Mandibular  
Acinus  
Periovarn Tiss  
Pars Distalis  
Red Pulp  
C Cell

Multifocal, Moderate  
Multifocal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 15

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach
Trachea	Urinary Bladder		

**MISSING**

Clitoral Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain	Cerebrum	Compression	Focal, Marked
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Single
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Squamous Cell Papilloma	
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild
		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Pancreas	Spleen
-------------------------	----------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Focal, Moderate
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
Uterus	Cervix	Diverticulum	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 5

SEX: Female

DAY ON TEST: 426

DOSE: 5000 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Small - Jejunum  
Lung  
Pancreas  
Stomach  
Urinary Bladder

Adrenal Gland - Medulla  
Esophagus  
Islets, Pancreatic  
Lymph Node  
Parathyroid Gland  
Thymus

Bone  
Heart  
Kidney  
Mammary Gland  
Pituitary Gland  
Thyroid Gland

Bone Marrow  
Intestine Large - Colon  
Liver  
Ovary  
Salivary Glands  
Trachea

**MISSING**

Clitoral Gland

Nose

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Skin  
Spleen  
Uterus

Subcut Tiss  
Red Pulp  
Endometrium

Fibroma  
Hematopoietic Cell Proliferation  
Hyperplasia  
Polyp Stromal

Multifocal, Mild  
Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 16

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Parathyroid Gland  
Spleen  
Urinary Bladder

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Pituitary Gland  
Stomach  
Uterus

Bone  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Thymus

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Ovary  
Skin  
Trachea

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone Marrow  
Heart  
Kidney  
Liver  
  
Lymph Node  
Mammary Gland  
Nose  
  
Pancreas  
Thyroid Gland

Myocardium  
Bilateral  
  
Mandibular  
  
Respirat Epith  
Respirat Epith, Submucosa  
  
Acinus  
C Cell

Hyperplasia  
Degeneration  
Nephropathy  
Basophilic Focus  
Inflammation  
Hemorrhage  
Fibroadenoma  
Degeneration  
Inflammation  
Atrophy  
Hyperplasia

Reticulum Cell, Multifocal, Mild  
Chronic, Multifocal, Mild  
Chronic, Multifocal, Minimal  
Multiple  
Granulomatous, Multifocal, Mild  
Multifocal, Moderate  
  
Multifocal, Mild  
Subacute, Multifocal, Mild  
Multifocal, Moderate  
Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 647 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node	Pancreas
------------------------	-------------------------	------------	----------

---

**OBSERVATIONS**

Lung		Congestion	Acute, Diffuse, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Urinary Bladder

---

**INSUFFICIENT TISSUE**

Trachea

---

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Large	Colon	Parasite Metazoan	Single, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Hyperplasia	Focal, Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Multifocal, Moderate
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 17

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**MISSING**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
	Cortex	Degeneration	Fatty, Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Periportal	Hematopoietic Cell Proliferation	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Lung		Carcinoma	Metastatic (Thyroid Gland)
Lymph Node	Mediastinal	Hemorrhage	Multifocal, Moderate
	Mandibular	Hyperplasia	Lymphoid, Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Carcinoma	
Uterus		Abscess	Marked
	Cervix	Diverticulum	
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild
	Cervix	Inflammation	Suppurative, Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 17

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Pancreas	Spleen
-------------------------	------------	----------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Cortex	Cytoplasmic Alteration Hyperplasia	Focal, Mild Multifocal, Mild
Liver		Basophilic Focus Clear Cell Focus	Multiple
Pituitary Gland	Pars Distalis	Adenoma Cyst	Multiple

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 17

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 713

**DOSE:** 5000 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Degeneration	Fatty, Multifocal, Mild
Bone Marrow	Erythroid Cell	Hypoplasia	Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
	Atrium Lft	Thrombosis	Subacute, Multifocal
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
	Centrilobular, Hepatocyte	Necrosis	Subacute, Multifocal, Marked
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 18

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 708  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Clitoral Gland	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Ovary
Pituitary Gland	Salivary Glands	Skin	Stomach
Urinary Bladder			

**MISSING**

Esophagus	Parathyroid Gland	Trachea
-----------	-------------------	---------

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla Cortex	Leukemia Mononuclear Necrosis	Multifocal, Mild
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain	Medulla	Hemorrhage	Multifocal, Mild
Heart	Myocardium	Leukemia Mononuclear Degeneration	Chronic, Multifocal, Minimal
Kidney	Bilateral	Leukemia Mononuclear Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus Leukemia Mononuclear	Multiple
	Hepatocyte	Necrosis	Acute, Multifocal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Mild
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 18

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 708  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thyroid Gland	C Cell	Adenoma	Multiple
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

---

**OBSERVATIONS**

Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Congestion	Focal, Moderate
	Red Pulp	Fibrosis	Focal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 5 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 638 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

---

**MISSING**

Clitoral Gland	Nose	Parathyroid Gland
----------------	------	-------------------

---

**OBSERVATIONS**

Blood		Neutrophilia	
Bone Marrow		Hyperplasia	Neutrophil, Multifocal, Marked
		Myelofibrosis	Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver	Hepatocyte	Necrosis	Acute, Multifocal, Minimal
Lung		Carcinoma	Metastatic (Skin)
Lymph Node		Carcinoma	Metastatic (Skin)
Skin	Subcut Tiss	Carcinoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Marked
Thymus		Carcinoma	Metastatic (Skin)
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 19

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 19	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla

Lymph Node

Pancreas

---

**OBSERVATIONS**

Adrenal Gland

Bilateral, Cortex

Degeneration

Fatty, Multifocal, Mild

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Cyst

Spleen

Leukemia Mononuclear

Uterus

Lumen, Right

Ectasia

Focal, Marked

Lumen

Hemorrhage

Subacute, Focal, Marked

---

PRIMARY CAUSE OF DEATH

-

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 19      **TRT#:** 5      **SEX:** Female      **DAY ON TEST:** 728  
**DOSE:** 5000 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**MISSING**

Parathyroid Gland

**INSUFFICIENT TISSUE**

Adrenal Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Lung	Alveolar Epith	Hyperplasia	Focal, Marked
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Focal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 713  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone	Femur	Osteopetrosis	Multifocal, Moderate
Heart		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lung	Alveolar Epith	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Cyst	Multiple
Spleen		Leukemia Mononuclear	
	Red Pulp	Necrosis	Acute, Focal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex Cortex	Hyperplasia Karyomegaly	Multifocal, Moderate Focal, Mild
Liver	Hepatocyte	Basophilic Focus Degeneration Inflammation	Multiple Cystic, Focal, Mild Granulomatous, Multifocal, Minimal
Note: TIP RIGHT LOBE, HIATAL STRESS AREA, ROUNDED OFF			
Lymph Node		Inflammation	Granulomatous, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 5 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Uterus

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
Blood		Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Multifocal, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Thymus		Pigmentation	Hemosiderin, Multifocal, Moderate
Urinary Bladder	Mucosa	Hyperplasia	Squamous, Multifocal, Marked

---

PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 21

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder	Uterus	

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Chronic Active, Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Minimal
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mediastinal	Hemorrhage	Multifocal, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Mammary Gland		Fibroadenoma	
	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node
-------------------------	------------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Capsule	Hyperplasia	Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Note: MEDIAN LOBE HIATAL STRESS NODULE			
Pancreas	Acinus	Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Tongue	Mucosa	Squamous Cell Papilloma	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex Medulla	Hyperplasia Hyperplasia	Multifocal, Mild Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Intestine Small	Ileum, Peyers Patch	Hyperplasia	Lymphoid, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Diffuse, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 22      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 659  
**DOSE:** 0 PPM      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder		

**MISSING**

Clitoral Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Cystic, Focal, Mild
Brain	Cerebrum	Compression	Focal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Mammary Gland		Fibroadenoma	Multiple
	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Multifocal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 22

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2500 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex  
Spleen

Adrenal Gland - Medulla

Lymph Node

Pancreas

---

**OBSERVATIONS**

Pituitary Gland  
Uterus

Pars Distalis  
Lumen

Adenoma  
Hemorrhage  
Polyp Stromal

Subacute, Focal, Marked

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Stomach

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Trachea

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Urinary Bladder

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Ovary  
Skin

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Eye  
  
Harderian Gland  
Heart  
Kidney  
Liver  
  
Lymph Node  
Mammary Gland  
Nose  
Pituitary Gland  
Spleen  
Thymus  
Thyroid Gland  
Uterus

Retina  
Lens  
  
Myocardium  
Bilateral  
  
Mandibular  
Acinus  
Respirat Epith, Submucosa  
Pars Distalis  
Red Pulp  
  
C Cell

Atrophy  
Cataract  
Inflammation  
Degeneration  
Nephropathy  
Basophilic Focus  
Inflammation  
Hyperplasia  
Hyperplasia  
Inflammation  
Adenoma  
Hematopoietic Cell Proliferation  
Depletion Lymphoid  
Hyperplasia  
Polyp Stromal

Multifocal, Marked  
Marked  
Subacute, Multifocal, Mild  
Chronic, Multifocal, Mild  
Chronic, Multifocal, Minimal  
Multiple  
Granulomatous, Multifocal, Mild  
Plasma Cell, Multifocal, Moderate  
Cystic, Multifocal, Mild  
Subacute, Multifocal, Mild  
  
Multifocal, Mild  
Multifocal, Moderate  
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: 2,4-Dichlorophenol  
CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
Time Report Requested: 16:56:59  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 23      TRT#: 2      SEX: Female      DAY ON TEST: 729  
DOSE: 0 PPM      DISP: Terminal Sacrifice      HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder

MISSING

Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
Note: NO PATHOLOGY TO EQUAL SPOTS ON LIVER			
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Moderate
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Pancreas	Spleen
-------------------------	------------	----------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
---------------	--------	--------------	-------------------------

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Salivary Glands  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Pancreas  
Skin

Brain  
Heart  
Intestine Small - Duodenum  
Lung  
Parathyroid Gland  
Stomach

Clitoral Gland  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Pituitary Gland  
Trachea

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Bone  
Kidney  
Liver

Cortex  
Femur  
Bilateral

Hyperplasia  
Osteopetrosis  
Nephropathy  
Basophilic Focus  
Inflammation

Focal, Mild  
Multifocal, Moderate  
Chronic, Multifocal, Mild  
Multiple  
Granulomatous, Multifocal, Mild

Lymph Node  
Nose  
Spleen  
Thymus  
Thyroid Gland  
Uterus

Mandibular  
Respirat Epith, Submucosa  
Red Pulp

Hemorrhage  
Inflammation  
Hematopoietic Cell Proliferation  
Depletion Lymphoid  
Hyperplasia  
Hyperplasia

Multifocal, Mild  
Subacute, Multifocal, Mild  
Multifocal, Mild  
Multifocal, Mild  
Multifocal, Mild  
Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 706

DOSE: 0 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Esophagus	Eye
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Pancreas	Salivary Glands
Skin	Stomach	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Moderate
	Medulla	Hyperplasia	Focal, Mild
	Bilateral, Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic Active, Multifocal, Mild
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart		Leukemia Mononuclear	
Intestine Small	Jejunum, Peyer's Patch	Leukemia Mononuclear	
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Nasolacrimal Duct	Inflammation	Subacute, Multifocal, Moderate
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 24

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 706  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Spleen	Leukemia Mononuclear
Thymus	Leukemia Mononuclear

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 24	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Pancreas

**OBSERVATIONS**

Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Mammary Gland		Fibroadenoma	
Ovary		Necrosis	Coagulative, Multifocal, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Lymph Follic	Depletion Lymphoid	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Stomach

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Trachea

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Urinary Bladder

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Ovary  
Skin

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney  
Liver

Cortex  
Myocardium  
Cortex, Left

Lymph Node  
Mammary Gland  
Nose  
Pituitary Gland  
Spleen  
Thymus  
Thyroid Gland  
Uterus

Mandibular  
Acinus  
Respirat Epith  
Pars Distalis  
Red Pulp  
C Cell  
Endometrium

Hyperplasia  
Degeneration  
Cyst  
Basophilic Focus  
Inflammation  
Hemorrhage  
Hyperplasia  
Degeneration  
Cyst  
Hematopoietic Cell Proliferation  
Depletion Lymphoid  
Hyperplasia  
Hyperplasia  
Polyp Stromal

Focal, Moderate  
Chronic, Multifocal, Minimal  
Single  
Single  
Membranoprolif, Focal, Minimal  
Multifocal, Moderate  
Cystic, Multifocal, Mild  
Multifocal, Mild  
Single  
Multifocal, Moderate  
Multifocal, Mild  
Multifocal, Mild  
Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pancreas	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Hyperplasia	Multifocal, Moderate
Harderian Gland		Inflammation	Subacute, Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver	Periportal	Basophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Multifocal, Moderate
		Inflammation	Granulomatous, Multifocal, Marked
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
	Mediastinal	Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
Ovary	Follicle	Cyst	Single
Parathyroid Gland		Hyperplasia	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Cyst	Multiple
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 25	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Spleen
-------------------------	--------

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Atrophy	Diffuse, Moderate
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Necrosis	Chronic, Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 25                      **TRT#:** 5                      **SEX:** Female                      **DAY ON TEST:** 548  
**DOSE:** 5000 PPM                      **DISP:** Moribund                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Clitoral Gland	Nose
----------------	------

**PRESENT BUT NOT EXAMINED**

Blood	Brain
-------	-------

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Uterus	Lumen	Ectasia	Multifocal, Moderate
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 429

DOSE: 0 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Esophagus  
Islets, Pancreatic  
Ovary  
Spleen  
Urinary Bladder

Blood  
Intestine Large - Colon  
Lung  
Parathyroid Gland  
Stomach

Bone  
Intestine Small - Duodenum  
Lymph Node - Mandibular  
Salivary Glands  
Thyroid Gland

Brain  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Skin  
Trachea

MISSING

Clitoral Gland

Mammary Gland

Nose

OBSERVATIONS

Adrenal Gland  
Bone Marrow  
Heart  
Kidney  
Liver

Cortex  
Myocardium  
Bilateral

Cyst  
Hyperplasia  
Degeneration  
Nephropathy  
Basophilic Focus  
Inflammation  
Hemorrhage  
Hemorrhage  
Atrophy  
Cyst  
Depletion Lymphoid  
Ectasia  
Inflammation  
Sarcoma Stromal

Neutrophil, Multifocal, Moderate  
Chronic, Multifocal, Minimal  
Chronic, Multifocal, Mild  
Single  
Granulomatous, Multifocal, Mild  
Multifocal, Mild  
Multifocal, Mild  
Multiple  
Multifocal, Mild  
Multifocal, Moderate  
Chronic Active, Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 26	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Lymph Node	Pancreas
------------------------	------------	----------

---

**OBSERVATIONS**

Adrenal Gland	Medulla	Cyst	
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Brain		Carcinoma	Metastatic (Pituitary Gland)
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Angiectasis	Multifocal, Mild
	Mandibular	Pigmentation	Hemosiderin, Multifocal, Moderate
Mammary Gland		Fibroadenoma	
	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach	Trachea	Urinary Bladder

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Clitoral Gland		Adenoma	
		Necrosis	Chronic Active, Focal, Moderate
Harderian Gland		Inflammation	Subacute, Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Ovary	Bilateral, Periovarn Tiss	Cyst	
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 27	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node
------------------------	-------------------------	------------

---

**OBSERVATIONS**

Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder

**MISSING**

Clitoral Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Medulla	Degeneration Infiltration Cellular	Fatty, Focal, Moderate Lymphocyte, Acute, Multifocal, Moderate
Brain	Cerebrum	Compression	Focal, Moderate
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Periportal	Basophilic Focus Infiltration Cellular	Multiple Lymphocyte, Acute, Multifocal, Moderate
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith Respirat Epith, Submucosa	Degeneration Inflammation	Multifocal, Mild Subacute, Multifocal, Mild
Pharynx	Palate	Squamous Cell Papilloma	
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hemorrhage	Multifocal, Marked
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Left, Lumen Endometrium	Ectasia Hyperplasia	Focal, Marked Cystic, Glandular, Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 28      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 636  
**DOSE:** 0 PPM      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder
Uterus			

**MISSING**

Clitoral Gland	Parathyroid Gland	Thymus
----------------	-------------------	--------

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
Brain	Cerebrum	Compression	Focal, Moderate
	Ventricle	Hydrocephalus	Multifocal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Minimal
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 28	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Spleen

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Cystic, Focal, Mild
	Medulla	Pheochromocytoma Benign	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Focal, Minimal
Uterus	Cervix	Inflammation	Chronic Active, Multifocal, Marked
	Cervix	Prolapse	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 28

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node  
Skin  
Urinary Bladder

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Stomach

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Thymus

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Salivary Glands  
Trachea

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart  
Kidney  
Liver

Myocardium  
Bilateral

Degeneration  
Nephropathy  
Basophilic Focus  
Leukemia Mononuclear

Chronic, Multifocal, Mild  
Chronic, Multifocal, Mild  
Multiple

Mammary Gland  
Nose

Acinus  
Nasolacrim Dct  
Respirat Epith, Submucosa

Hyperplasia  
Inflammation  
Inflammation

Cystic, Multifocal, Moderate  
Subacute, Multifocal, Mild  
Subacute, Multifocal, Moderate

Ovary  
Pituitary Gland  
Spleen  
Thyroid Gland

Follicle  
Pars Distalis

Cyst  
Adenoma  
Leukemia Mononuclear

Tooth  
Uterus

C Cell  
C Cell  
Peridont Tiss  
Endometrium

Adenoma  
Hyperplasia  
Inflammation  
Hyperplasia

Multifocal, Mild  
Chronic Active, Multifocal, Moderate  
Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 29      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus		Abscess	Moderate
	Cervix	Diverticulum	
	Lumen	Ectasia	Multifocal, Moderate
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 29

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 674

**DOSE:** 2500 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Pancreas

**OBSERVATIONS**

Adrenal Gland

Bilateral, Cortex

Degeneration

Fatty, Multifocal, Moderate

Bilateral, Medulla

Leukemia Mononuclear

Liver

Leukemia Mononuclear

Lymph Node

Mandibular

Leukemia Mononuclear

Mesenteric

Leukemia Mononuclear

Spleen

Leukemia Mononuclear

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Ovary	Pancreas
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Brain	Ventricle	Hydrocephalus	Multifocal, Mild
Clitoral Gland		Adenoma	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
	Hepatocyte	Necrosis	Multifocal, Mild
Mammary Gland		Fibroadenoma	
	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Focal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin			
Note: GROWTH ON NOSE MISSING AT TRIM			
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 30      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node
Ovary	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland	Thymus
-------------------	--------

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
Mammary Gland		Fibroadenoma	
	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Pancreas	Spleen
-------------------------	------------	----------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Ovary	Periovarn Tiss, Right	Cyst	
Pituitary Gland	Pars Distalis	Cyst	Multiple

---

PRIMARY CAUSE OF DEATH

-

---

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 5

SEX: Female

DAY ON TEST: 674

DOSE: 5000 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Skin	Stomach	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Cyst	
Heart		Leukemia Mononuclear	
Kidney	Cortex	Infarct	Focal, Moderate
		Leukemia Mononuclear	
Liver	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
	Red Pulp	Necrosis	Acute, Multifocal, Marked
Thymus		Leukemia Mononuclear	
Thyroid Gland		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Esophagus

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Pancreas

Salivary Glands

Skin

Stomach

Trachea

Urinary Bladder

**MISSING**

Harderian Gland

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone Marrow

Hyperplasia

Reticulum Cell, Multifocal, Moderate

Brain

Carcinoma

Metastatic (Pituitary Gland)

Clitoral Gland

Necrosis

Acute, Focal, Mild

Kidney

Bilateral

Nephropathy

Chronic, Multifocal, Moderate

Liver

Basophilic Focus

Multiple

Lymph Node

Mandibular

Hyperplasia

Lymphoid, Multifocal, Mild

Mammary Gland

Acinus

Hyperplasia

Cystic, Multifocal, Moderate

Nose

Respirat Epith

Degeneration

Multifocal, Mild

Nasolacrim Dct

Inflammation

Subacute, Multifocal, Mild

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Ovary

Follicle, Left

Cyst

Pituitary Gland

Pars Distalis

Carcinoma

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Multifocal, Mild

Thymus

Depletion Lymphoid

Multifocal, Mild

Thyroid Gland

C Cell

Carcinoma

Uterus

Endometrium

Hyperplasia

Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 584 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**MISSING**

Mesentery

---

**AUTO PRECLUDES DIAG.**

Eye

---

**OBSERVATIONS**

Adrenal Gland	Medulla Bilateral, Cortex	Karyomegaly Leukemia Mononuclear	Focal, Mild
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Multifocal, Moderate
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis Pars Distalis	Hemorrhage Leukemia Mononuclear	Focal, Moderate
Spleen		Leukemia Mononuclear	
Uterus	Lumen, Right	Ectasia Polyp Stromal	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 31

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Trachea	

**INSUFFICIENT TISSUE**

Clitoral Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Harderian Gland		Inflammation	Subacute, Focal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
Ovary	Follicle	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder		Calculus Micro Observation Only	
	Mucosa	Hyperplasia	Multifocal, Mild
	Mucosa	Metaplasia	Squamous, Multifocal, Mild
Uterus		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 560 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Trachea	Urinary Bladder
Uterus			

---

**MISSING**

Clitoral Gland	Nose	Parathyroid Gland	Thymus
----------------	------	-------------------	--------

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
	Renal Tubule	Vacuolization Cytoplasmic	Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Mesentery		Inflammation	Chronic, Multifocal, Mild
Spleen	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Moderate
Stomach	Glandular	Ulcer	Acute, Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Pancreas	Spleen
-------------------------	------------	----------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Urinary Bladder	

---

**MISSING**

Trachea

---

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Multiple
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lung
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Trachea	Urinary Bladder
Uterus			

**MISSING**

Lymph Node	Thymus
------------	--------

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Multifocal, Mild
Clitoral Gland		Adenoma	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
Note: STRESS NODULE ON LIVER MEDIAN LOBE			
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

---

**MISSING**

Lymph Node

---

**OBSERVATIONS**

Liver

Basophilic Focus

Multiple

Cyst

Leukemia Mononuclear

Note: MRDIAN LOBE HIATAL STRESS NODULE

Pancreas

Acinus

Atrophy

Multifocal, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Spleen

Leukemia Mononuclear

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 33

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Note: STRESS NODULE ON MEDIAN LOBE			
Lymph Node	Mediastinal	Hemorrhage	Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Mesentery		Inflammation	Granulomatous, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 34

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule Bilateral	Adenoma Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus Inflammation	Multiple Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen	Red Pulp Red Pulp	Congestion Hematopoietic Cell Proliferation	Focal, Mild Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Lumen, Right	Ectasia Polyp Stromal	Focal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node	Pancreas
------------------------	-------------------------	------------	----------

---

**OBSERVATIONS**

Liver		Basophilic Focus Inflammation	Multiple Granulomatous, Multifocal, Mild
-------	--	----------------------------------	---

Note: LEFT&MEDIAN LOBES HIATAL STRESS NODULES

Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
--------	----------	----------------------------------	------------------

---

PRIMARY CAUSE OF DEATH -

---

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 34

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Parathyroid Gland	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	

**MISSING**

Thymus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
	Mandibular	Hyperplasia	Lymphoid, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Ovary	Follicle	Cyst	Multiple
	Periovarn Tiss	Cyst	
Pancreas		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

MISSING

Thymus

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Single
		Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node
-------------------------	------------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Cytoplasmic Alteration	Focal, Mild
Liver	Hepatocyte	Degeneration	Cystic, Focal, Moderate
		Inflammation	Granulomatous, Focal, Mild

Note: LEFT LOBE HIATAL STRESS NODULE

Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Focal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Skin

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Stomach

Bone  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Pituitary Gland  
Thyroid Gland

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Trachea

MISSING

Urinary Bladder

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Bone Marrow		Hyperplasia Inflammation	Neutrophil, Multifocal, Moderate Granulomatous, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus Clear Cell Focus Inflammation	Multiple Single Granulomatous, Multifocal, Mild
Lymph Node	Mandibular Mediastinal	Inflammation Inflammation	Granulomatous, Multifocal, Moderate Granulomatous, Multifocal, Mild
Nose	Nasolacrim Dct Respirat Epith, Submucosa	Inflammation Inflammation	Subacute, Multifocal, Mild Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Spleen	Red Pulp	Inflammation	Granulomatous, Multifocal, Marked
Thymus		Depletion Lymphoid	Multifocal, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 693

DOSE: 0 PPM

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Trachea	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
		Leukemia Mononuclear	
Intestine Large	Colon, Peyers Patch	Leukemia Mononuclear	
	Lamina Propria, Rectum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
	Acinus	Hyperplasia	Cystic, Multifocal, Marked
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Stomach	Glandular, Lamina Propria	Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 693 <b>HISTO:</b>
<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Minimal
PRIMARY CAUSE OF DEATH	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Spleen

**OBSERVATIONS**

Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Bone Marrow	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	Uterus

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Moderate
Bone	Femur	Osteopetrosis	Multifocal, Marked
Brain	Cerebrum	Compression	Focal, Moderate
	Ventricle	Hydrocephalus	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
	Pars Distalis	Hemorrhage	Subacute, Multifocal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 37

TRT#: 2

SEX: Female

DAY ON TEST: 692

DOSE: 0 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Ovary
Pancreas	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder	Uterus	

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain	Cerebellum	Hemorrhage	Acute, Focal, Marked
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Leukemia Mononuclear	
Lung		Hemorrhage	Acute, Multifocal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Multiple
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Islets, Pancreatic	Pancreas
------------------------	-------------------------	--------------------	----------

---

**OBSERVATIONS**

Liver Note: MEDIAN LOBE HIATAL STRESS NODULE		Basophilic Focus	Single
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Mild
	Mandibular	Inflammation	Chronic, Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 37

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 671

**DOSE:** 5000 PPM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Skin  
Urinary Bladder

Adrenal Gland - Medulla  
Heart  
Intestine Small - Duodenum  
Lung  
Pancreas  
Spleen

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node  
Parathyroid Gland  
Stomach

Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Salivary Glands  
Trachea

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone	Femur	Osteopetrosis	Multifocal, Moderate
	Lumbar	Osteosarcoma	
Brain	Media	Astrocytoma Malignant	
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Kidney	Renal Tubule	Hyperplasia	Focal, Moderate
	Cortex	Inflammation	Chronic, Focal, Moderate
	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Carcinoma	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone

Brain

Clitoral Gland

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Ovary

Pancreas

Salivary Glands

Skin

Stomach

Trachea

Urinary Bladder

MISSING

Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Mild

Bone Marrow

Hyperplasia

Reticulum Cell, Multifocal, Moderate

Harderian Gland

Inflammation

Subacute, Multifocal, Mild

Heart

Myocardium

Degeneration

Chronic, Multifocal, Mild

Kidney

Cortex

Casts

Single

Bilateral

Nephropathy

Chronic, Multifocal, Moderate

Liver

Basophilic Focus

Multiple

Inflammation

Granulomatous, Multifocal, Mild

Lung

Interstitial

Inflammation

Acute, Focal, Mild

Lymph Node

Mandibular

Hemorrhage

Multifocal, Mild

Mammary Gland

Acinus

Hyperplasia

Cystic, Multifocal, Moderate

Nose

Respirat Epith

Degeneration

Multifocal, Mild

Nasolacrim Dct

Inflammation

Subacute, Multifocal, Mild

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Pituitary Gland

Pars Distalis

Cyst

Multiple

Pars Distalis

Hyperplasia

Focal, Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Multifocal, Mild

Thymus

Depletion Lymphoid

Multifocal, Moderate

Thyroid Gland

C Cell

Hyperplasia

Multifocal, Mild

Uterus

Endometrium

Hyperplasia

Cystic, Glandular, Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 38

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

Polyp Stromal

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland	Lymph Node	Pancreas
---------------	------------	----------

---

**OBSERVATIONS**

Mammary Gland		Fibroadenoma	
Ovary	Left, Periovarn Tiss	Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Inflammation	Granulomatous, Multifocal, Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 5000 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

---

**MISSING**

Clitoral Gland

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone	Femur	Osteopetrosis	Multifocal, Mild
Brain	Cerebrum	Compression	Focal, Moderate
	Cerebrum	Granular Cell Tumor Benign	
Harderian Gland		Inflammation	Subacute, Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Single
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Uterus	Lumen	Ectasia	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 39

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Nose
Parathyroid Gland	Skin	Trachea	

**OBSERVATIONS**

Blood		Leukemia Mononuclear	
Bone	Femur	Osteopetrosis	Multifocal, Mild
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Jejunum, Peyers Patch	Leukemia Mononuclear	
Kidney	Renal Tubule	Degeneration	Acute, Multifocal, Marked
		Leukemia Mononuclear	
Liver	Bilateral	Nephropathy	Chronic, Multifocal, Mild
	Bile Duct	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Stomach	Leukemia Mononuclear
Thymus	Leukemia Mononuclear
Thyroid Gland	Leukemia Mononuclear
Urinary Bladder	Leukemia Mononuclear
Uterus	Leukemia Mononuclear
	Polyp Stromal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 39	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Spleen
-------------------------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Karyomegaly	Focal, Moderate
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Polyp Stromal	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 39

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder	Uterus		

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Hyperplasia	Multifocal, Mild
Bone	Femur	Osteopetrosis	Multifocal, Moderate
Bone Marrow		Myelofibrosis	Multifocal, Marked
Clitoral Gland		Hyperplasia	Glandular, Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Inflammation	Chronic, Multifocal, Moderate
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Multifocal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 40

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Cortex	Karyomegaly	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Brain	Cerebrum	Compression	Focal, Moderate
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Marked
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Ovary	Germinal Epith	Mineralization	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Pancreas
------------------------	-------------------------	----------

---

**OBSERVATIONS**

Kidney	Cortex, Left	Cyst	Single
Liver		Inflammation	Subacute, Multifocal, Mild
Note: LEFT LOBE HIATAL STRESS NODULE			
Lymph Node	Mandibular	Hemorrhage	Multifocal, Minimal
	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Mild
	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

**ANIMAL ID:** 40

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node  
Salivary Glands  
Trachea

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Skin  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Nose  
Stomach

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Lung  
Pancreas  
Thyroid Gland

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Hepatocyte	Necrosis	Multifocal, Mild
Ovary	Follicle	Cyst	Multiple
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Uterus	Lumen	Ectasia	Multifocal, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 2

SEX: Female

DAY ON TEST: 580

DOSE: 0 PPM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Islets, Pancreatic  
Parathyroid Gland  
Trachea

Bone  
Mammary Gland  
Salivary Glands  
Urinary Bladder

Bone Marrow  
Ovary  
Skin  
Uterus

Esophagus  
Pancreas  
Thyroid Gland

MISSING

Clitoral Gland

Harderian Gland

Nose

Thymus

AUTO PRECLUDES DIAG.

Intestine Large

Intestine Small

Stomach

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland  
Brain  
Heart

Cortex  
Cerebrum  
Myocardium  
Myocardium  
Renal Tubule

Kidney  
Liver

Lung  
Lymph Node  
Pituitary Gland  
Spleen

Mediastinal  
Pars Distalis  
Lymph Follic

Cytoplasmic Alteration  
Compression  
Degeneration  
Inflammation  
Degeneration  
Basophilic Focus  
Inflammation  
Congestion  
Depletion Lymphoid  
Adenoma  
Depletion Lymphoid

Focal, Moderate  
Focal, Moderate  
Chronic, Multifocal, Moderate  
Acute, Multifocal, Mild  
Acute, Multifocal, Moderate  
Multiple  
Granulomatous, Multifocal, Mild  
Acute, Multifocal, Moderate  
Multifocal, Mild  
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Pancreas

Spleen

**OBSERVATIONS**

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Lymph Node

Mandibular

Hemorrhage

Multifocal, Mild

Zymbal's Gland

Mandibular

Hyperplasia

Plasma Cell, Multifocal, Mild

Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Multifocal, Mild
	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Bone	Femur	Osteopetrosis	Multifocal, Mild
Clitoral Gland		Hyperplasia	Glandular, Focal, Moderate
		Inflammation	Chronic Active, Focal, Mild
Harderian Gland	Bilateral	Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver	Median Lobe	Atrophy	Chronic, Multifocal, Moderate
		Basophilic Focus	Multiple
	Sinusoid, Subserosa	Congestion	Acute, Multifocal, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Moderate
Note: STRESS NODULE ON MEDIAN LOBE			
Lung	Bronchiole, Epithelium	Hyperplasia	Multifocal, Moderate
	Interstitialium	Inflammation	Subacute, Multifocal, Moderate
		Pigmentation	Hemosiderin, Multifocal, Moderate
Lymph Node	Mandibular	Hemorrhage	Multifocal, Moderate
	Mandibular	Inflammation	Chronic, Multifocal, Moderate
	Mediastinal	Inflammation	Chronic, Multifocal, Marked
Nose	Respirat Epith	Degeneration	Multifocal, Moderate
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 41

**TRT#:** 5  
**DOSE:** 5000 PPM

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

**DAY ON TEST:** 728  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 42      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	Uterus

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Mild
Blood		Leukemia Mononuclear	
Bone	Femur	Osteopetrosis	Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia Inflammation Leukemia Mononuclear	Multifocal, Mild Granulomatous, Multifocal, Moderate
Nose	Hepatocyte Respirat Epith	Necrosis Degeneration	Acute, Multifocal, Mild Multifocal, Moderate
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Multiple Focal, Moderate
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Pancreas

---

**OBSERVATIONS**

Lymph Node	Cortex, Mandibular	Cyst	Multiple
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Epidermis, Hindlimb	Acanthosis	Multifocal, Moderate
	Epidermis, Hindlimb	Hyperkeratosis	Multifocal, Moderate
	Hindlimb, Subcut Tiss	Inflammation	Granulomatous, Chronic Active, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Salivary Glands	Skin	Spleen
Stomach	Trachea	Urinary Bladder	

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Focal, Mild
	Cortex	Hyperplasia	Focal, Moderate
Bone	Femur	Osteopetrosis	Multifocal, Marked
Brain	Cerebrum	Compression	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Ovary	Left, Periovarn Tiss	Cyst	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
	Pars Distalis	Hemorrhage	Subacute, Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 289 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

---

**MISSING**

Clitoral Gland	Lymph Node	Nose	
----------------	------------	------	--

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Pancreas	Acinus	Atrophy	Multifocal, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARCOMA LOCATED ON THORAX SUBCUTIS			
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 43

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:** 562

**DOSE:** 2500 PPM

**DISP:** Dead

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**MISSING**

Adrenal Gland

Lymph Node

Pancreas

Spleen

---

**OBSERVATIONS**

Uterus

Sarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01  
Test Type: CHRONIC  
Route: DOSED FEED  
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: 2,4-Dichlorophenol  
CAS Number: 120-83-2

Date Report Requested: 10/16/2014  
Time Report Requested: 16:56:59  
First Dose M/F: NA / NA  
Lab: BAT

ANIMAL ID: 43                      TRT#: 5                      SEX: Female                      DAY ON TEST: 464  
DOSE: 5000 PPM                      DISP: Moribund                      HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland	Mammary Gland	Nose
----------------	---------------	------

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Blood		Leukemia Mononuclear	
Brain	Cerebellum	Hemorrhage	Multifocal, Marked
	Cerebrum	Hemorrhage	Focal, Mild
Heart		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 44

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 693  
**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lung	Lymph Node
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Intestine Small	Jejunum, Muscularis	Leiomyoma	
Note: TUMOR OF JEJUNUM IS PROBABLY FIBROLEIOMYOMA CAN'T CODE			
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
Mammary Gland		Fibroadenoma	
	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Ovary	Bilateral, Follicle	Cyst	
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Multifocal, Mild
Eye	Retina	Atrophy	Multifocal, Marked
	Lens	Cataract	Marked
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Moderate
Mammary Gland		Fibroadenoma	Multiple
Pancreas	Acinus	Atrophy	Focal, Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 44

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Minimal
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Hemorrhage	Multifocal, Minimal
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Cervix	Diverticulum	
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild
	Cervix	Inflammation	Chronic Active, Multifocal, Mild
		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Ovary	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Moderate
Clitoral Gland		Adenoma	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Multifocal, Mild
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
	Mediastinal	Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Single

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 45

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Uterus

Polyp Stromal

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 45	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Pancreas	Spleen
-------------------------	----------	--------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Multifocal, Mild
Liver		Basophilic Focus	Multiple
Note: MEDIAN LOBE HIATAL STRESS NODULE			
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Pituitary Gland	Pars Distalis	Cyst	Multiple

---

PRIMARY CAUSE OF DEATH

-

---

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:56:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Salivary Glands
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

**MISSING**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla Cortex	Hyperplasia Hyperplasia	Multifocal, Mild Focal, Moderate
Bone	Femur	Osteopetrosis	Multifocal, Mild
Brain	Cerebrum	Perivascular Cuffing	Focal, Mild
Clitoral Gland		Inflammation	Suppurative, Multifocal, Moderate
Eye	Retina Lens	Atrophy Cataract	Multifocal, Marked Moderate
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus Inflammation	Multiple Granulomatous, Multifocal, Mild
Lymph Node	Mandibular	Inflammation	Chronic, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Ovary	Periovarn Tiss	Cyst	
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Cyst	Multiple
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus		Polyp Stromal	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 45

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:56:59  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 46      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 729  
**DOSE:** 0 PPM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Karyomegaly	Focal, Mild
Brain	Cerebrum	Compression	Focal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Nose	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
	Lymph Follic	Inflammation	Granulomatous, Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 3	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2500 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Pancreas

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex Bilateral, Medulla	Hyperplasia Leukemia Mononuclear	Multifocal, Mild
Liver		Leukemia Mononuclear	
Lymph Node		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Cyst	Multiple
Spleen	Red Pulp	Inflammation Leukemia Mononuclear	Chronic Active, Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:57:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Trachea	Urinary Bladder	

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Medulla	Hyperplasia	Multifocal, Mild
Bone	Femur	Osteopetrosis	Multifocal, Mild
Brain	Cerebrum	Compression	Focal, Moderate
	Ventricle	Hydrocephalus	Multifocal, Moderate
Harderian Gland	Bilateral	Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver	Left Lat Lobe	Angiectasis	Focal, Marked
		Basophilic Focus	Multiple
Lymph Node	Mandibular	Inflammation	Chronic, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Nose	Nasolacrim Dct	Inflammation	Subacute, Focal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Cervix	Fibrosis	Chronic, Multifocal, Marked
	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 46

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
----------------------	--------------------------------------	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

---

**MISSING**

Clitoral Gland

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Moderate
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Multifocal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lymph Node	Pancreas
------------	----------

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Multifocal, Mild
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Cyst	Multiple
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 47

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 5000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hemorrhage	Multifocal, Mild
	Mandibular	Leukemia Mononuclear	
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Mild
	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Inflammation	Granulomatous, Multifocal, Marked
		Leukemia Mononuclear	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 48

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Ovary	Salivary Glands	Skin	Stomach
Trachea	Urinary Bladder		

**MISSING**

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

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Adrenal Gland	Cortex	Karyomegaly	Focal, Mild
Bone	Femur	Osteopetrosis	Multifocal, Mild
Clitoral Gland		Adenoma	
Harderian Gland		Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Mild
Liver		Basophilic Focus	Multiple
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
Nose	Respirat Epith	Degeneration	Multifocal, Mild
	Nasolacrim Dct	Inflammation	Subacute, Multifocal, Moderate
Pancreas	Acinus	Atrophy	Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hemorrhage	Multifocal, Moderate
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Mild
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild
		Polyp Stromal	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 48

**TRT#:** 2  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 722 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node	Pancreas
------------------------	-------------------------	------------	----------

---

**OBSERVATIONS**

Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Multifocal, Mild
Note: MEDIAN LOBE HIATAL STRESS NODULE			
Pituitary Gland	Pars Distalis	Carcinoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---



**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 5 <b>DOSE:</b> 5000 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

---

**PRESENT BUT NOT EXAMINED**

Blood

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex	Hyperplasia	Multifocal, Moderate
Clitoral Gland		Adenoma	
Heart	Myocardium	Degeneration	Chronic, Multifocal, Moderate
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Basosquamous Tumor Benign	
Thymus		Depletion Lymphoid	Multifocal, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:57:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 693

DOSE: 0 PPM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Harderian Gland  
Salivary Glands  
Trachea

Bone  
Islets, Pancreatic  
Skin  
Urinary Bladder

Bone Marrow  
Nose  
Stomach

Esophagus  
Parathyroid Gland  
Thyroid Gland

MISSING

Clitoral Gland

AUTO PRECLUDES DIAG.

Intestine Large

Intestine Small

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland  
Brain  
  
Heart  
Kidney  
Liver

Cortex  
Cerebrum  
Ventricle  
Myocardium  
Bilateral  
  
Mandibular  
Mediastinal  
Acinus  
  
Periovarn Tiss, Right  
Acinus  
Pars Distalis  
Pars Distalis  
Lymph Follic  
Red Pulp

Degeneration  
Compression  
Hydrocephalus  
Degeneration  
Nephropathy  
Basophilic Focus  
Inflammation  
Congestion  
Hemorrhage  
Hemorrhage  
Hyperplasia  
Inflammation  
Cyst  
Atrophy  
Adenoma  
Hemorrhage  
Depletion Lymphoid  
Hematopoietic Cell Proliferation

Fatty, Focal, Mild  
Focal, Moderate  
Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Chronic, Multifocal, Moderate  
Multiple  
Granulomatous, Multifocal, Mild  
Acute, Multifocal, Moderate  
Multifocal, Mild  
Multifocal, Moderate  
Cystic, Multifocal, Marked  
Granulomatous, Focal, Moderate  
  
Multifocal, Mild  
  
Multifocal, Moderate  
Multifocal, Mild  
Multifocal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 693 <b>HISTO:</b>
<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Thymus	Red Pulp	Pigmentation	Hemosiderin, Multifocal, Moderate
Uterus	Lumen, Right	Depletion Lymphoid Ectasia	Multifocal, Moderate Multifocal, Moderate
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 426 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Lymph Node	Spleen
-------------------------	------------	--------

---

**OBSERVATIONS**

Adrenal Gland	Bilateral, Cortex Bilateral, Cortex	Degeneration Hyperplasia Basophilic Focus	Fatty, Multifocal, Mild Multifocal, Mild Single
Liver Note: MEDIAN LOBE HIATAL NODULE			
Ovary	Left, Periovarn Tiss	Cyst	
Pancreas	Acinus	Atrophy	Multifocal, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:57:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 5

SEX: Female

DAY ON TEST: 646

DOSE: 5000 PPM

DISP: Moribund

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Pancreas  
Trachea

Adrenal Gland - Medulla  
Harderian Gland  
Intestine Small - Duodenum  
Kidney  
Salivary Glands  
Urinary Bladder

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lung  
Stomach

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Thymus

**MISSING**

Clitoral Gland                      Mammary Gland

**INSUFFICIENT TISSUE**

Parathyroid Gland

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Bone  
Heart  
Intestine Small  
Liver

Femur  
Myocardium  
Jejunum, Peyers Patch

Osteopetrosis  
Degeneration  
Leukemia Mononuclear  
Basophilic Focus  
Leukemia Mononuclear

Multifocal, Moderate  
Chronic, Multifocal, Mild  
Multiple

Note: STRESS NODULE ON TIP OF LEFT LATERAL LOBE

Lymph Node  
Nose  
Pituitary Gland  
Skin  
Spleen  
Thyroid Gland  
Uterus

Mandibular  
Respirat Epith  
Pars Distalis  
Subcut Tiss  
C Cell  
Endometrium

Leukemia Mononuclear  
Degeneration  
Cyst  
Fibroma  
Leukemia Mononuclear  
Adenoma  
Hyperplasia

Multifocal, Mild  
Multiple  
Cystic, Glandular, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 50      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 722  
**DOSE:** 0 PPM      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder			

**PRESENT BUT NOT EXAMINED**

Blood

**OBSERVATIONS**

Brain	Cerebrum	Compression	Focal, Moderate
	Ventricle	Hydrocephalus	Multifocal, Mild
Harderian Gland	Bilateral	Inflammation	Subacute, Multifocal, Mild
Heart	Myocardium	Degeneration	Chronic, Multifocal, Mild
Kidney	Bilateral	Nephropathy	Chronic, Multifocal, Moderate
Liver		Inflammation	Granulomatous, Multifocal, Marked
	Hepatocyte	Vacuolization Cytoplasmic	Multifocal, Marked
Lymph Node	Mandibular	Inflammation	Granulomatous, Multifocal, Mild
	Mediastinal	Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Acinus	Hyperplasia	Cystic, Multifocal, Mild
Nose	Respirat Epith, Submucosa	Inflammation	Subacute, Multifocal, Mild
Pancreas	Acinus	Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Mild
Thymus		Depletion Lymphoid	Multifocal, Moderate
Thyroid Gland	C Cell	Hyperplasia	Multifocal, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Multifocal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05052-01  
**Test Type:** CHRONIC  
**Route:** DOSED FEED  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 2,4-Dichlorophenol  
**CAS Number:** 120-83-2

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:57:00  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 3 <b>DOSE:</b> 2500 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 426 <b>HISTO:</b>
----------------------	---	---	--

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Medulla	Islets, Pancreatic
-------------------------	--------------------

---

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Clitoral Gland		Adenoma	
Lymph Node	Mandibular	Hemorrhage	Multifocal, Minimal
	Mandibular	Hyperplasia	Plasma Cell, Multifocal, Moderate
Mammary Gland		Adenocarcinoma	
Pancreas	Acinus	Atrophy	Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Multifocal, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05052-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2,4-Dichlorophenol

CAS Number: 120-83-2

Date Report Requested: 10/16/2014

Time Report Requested: 16:57:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 50

TRT#: 5

SEX: Female

DAY ON TEST: 728

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Skin  
Trachea

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Spleen  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Small - Duodenum  
Kidney  
Pancreas  
Stomach

Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lung  
Salivary Glands  
Thyroid Gland

MISSING

Parathyroid Gland

PRESENT BUT NOT EXAMINED

Blood

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Focal, Mild

Cortex

Hyperplasia

Multifocal, Mild

Heart

Myocardium

Degeneration

Chronic, Multifocal, Mild

Liver

Bile Duct

Basophilic Focus

Multiple

Hyperplasia

Multifocal, Mild

Inflammation

Granulomatous, Multifocal, Mild

Lymph Node

Mediastinal

Inflammation

Granulomatous, Multifocal, Moderate

Nose

Respirat Epith

Degeneration

Multifocal, Mild

Respirat Epith, Submucosa

Inflammation

Subacute, Multifocal, Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Multifocal, Mild

Thymus

Depletion Lymphoid

Multifocal, Moderate

Uterus

Lumen, Right

Ectasia

Multifocal, Moderate

Endometrium

Hyperplasia

Cystic, Glandular, Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

\*\* END OF REPORT \*\*

\* PROTOCOL REQUIRED TISSUE