

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

C Number:	C56520
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	10/12/1990

Experiment Number: 05037-03

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Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035941

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 2-22		
Pancreas		Hyperplasia	Focal, Moderate
Prostate		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
Skin		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 1-21		
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 3-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

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Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035941

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: THE MONUC LEUKEMIA IS IN AN EARLY STAGE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

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Species/Strain: Rat/F 344/N

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Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Cyst	
Kidney		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Preputial Gland		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-4		
Testes	Interstitial Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 3 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 729
DOSE: VEHICLE CONTROL **DISP:** Terminal Sacrifice **HISTO:** A85035943

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	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
Note: INDENTATION WITHIN THE CAPSULE; CONSIDERED AN ARTIFACT.			
Eye	Retina	Atrophy	Moderate
		Cataract	Moderate
	Sclera	Mineralization	Mild
Note: CATARACT TGLs = 1-21			
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA TGLs = 4-23,5-23			
Note: PORTIONS OF THE CARCINOMA ARE ALSO PRESENT ON SLIDE #7.			
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Pancreas		Atrophy	Mild
		Hyperplasia	Focal, Mild
Note: THE HYPERPLASIA IS PRESENT ON SLIDE NUMBER 7.			
Pituitary Gland	Pars Distalis	Pigmentation	Mild
Preputial Gland		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035943

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 2-22		
Stomach	Glandular, Mucosa	Hyperplasia	Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-7		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 684
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-6			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-2			
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-5			
Note: LEUKEMIA MONUC TGLs = 8-3			
Mesentery		Liposarcoma	
	Fat	Necrosis	Mild
Note: THE LIPOSARC IS PRESENT ON SLIDE NUMBER 5.			
Note: NECROSIS TGLs = 1-21			
Pancreas		Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 684
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035944

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-6-1		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 704
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035945

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	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Mild
Liver		Granuloma	Minimal
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 3-21,3-7			
Preputial Gland		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Testes	Interstitial Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 527
DOSE: VEHICLE CONTROL **DISP:** Natural Death **HISTO:** A85034123

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	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Mild
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Note: CONGESTION TGLs = 6-2			
Lymph Node	Mandibular	Congestion	Moderate
	Mediastinal	Hemorrhage	Marked
Note: HEMORRHAGE TGLs = 7-3 [Hemorrhage TGLS = 1-5]			
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Osteosarcoma	
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 527
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: A85034123

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		
Thymus		Congestion	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thymus
Tissue NOS	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA TGLs = 7-21			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 9-22			
Note: ECTASIA TGLs = 9-22			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035946

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-6		
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Inflammation	Chronic, Moderate
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA	TGLs = 4-3,5-3		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 702
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035947

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	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Epididymis		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Note: ADENOMA	TGLs = 6-24		
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 7-24		
Note: HEMORRHAGE	TGLs = 5-3		
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-21		
Pancreas		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Carcinoma	
		Inflammation	Chronic, Mild
Note: CARCINOMA	TGLs = 2-22		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 702
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035947

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 3-23		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 4-7		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 689
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Note: TGLs 7 NO CORRESPONDING LESION			
Intestine Large	Cecum	Ulcer	Moderate
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-5			
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-22]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mesenteric	Hemorrhage	Mild
	Mandibular	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 8-23			
Mesentery		Leiomyosarcoma	Metastatic (Spleen)
Note: LEIOMYOSAR TGLs = 9-24			
Nose		Exudate	
		Foreign Body	Mild
		Fungus	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
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Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
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First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 689
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035948

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Mucosa	Hyperplasia	Mild
Note: HYPERPLASIA IS ON SLIDE 23.		Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Leiomyosarcoma	
Note: LEIOMYOSAR TGLs = 2-21			
Stomach	Forestomach	Ulcer	Mild
	Glandular	Ulcer	Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 617

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Leukemia Mononuclear Leukemia Mononuclear	
Brain		Hemorrhage Necrosis	Mild Moderate
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Inflammation Leukemia Mononuclear	Chronic, Mild
Liver	Centrilobular Bile Duct	Nephropathy Atrophy Hyperplasia Hyperplasia Leukemia Mononuclear	Moderate Mild Mild Focal, Moderate
Note: HYPERPLASIA TGLs = 6-6 Note: LEUKEMIA MONUC TGLs = 6-6			
Lung	Alveolar Epith	Hyperplasia Leukemia Mononuclear	Moderate
Note: LEUKEMIA MONUC TGLs = 8-2			
Lymph Node	Mandibular Mandibular Mediastinal Mesenteric	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	Plasma Cell, Moderate
Note: LEUKEMIA MONUC TGLs = 11-8-1 Note: LEUKEMIA MONUC TGLs = 9-3 Note: HYPERPLASIA TGLs = 11-8-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 10	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 617 HISTO: A85035949
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ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland Note: HYPERPLASIA TGLs = 1-8		Hyperplasia	Cystic, Moderate
Nose		Exudate	
Pancreas Note: [HYPERPLASIA] TGLs = 7-22		Hyperplasia	Focal, Moderate
Pituitary Gland [Carcinoma TGLS = 10-1]	Pars Distalis	Carcinoma	
Prostate		Inflammation	Suppurative, Mild
Spleen Note: LEUKEMIA MONUC TGLs = 4-6-1 Note: NECROSIS TGLs = 5-21		Leukemia Mononuclear Necrosis	Marked
Testes Note: ADENOMA TGLs = 2-7,3-7	Interstit Cell	Adenoma Mineralization	Minimal
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 611
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Parathyroid Gland	Skin	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
	Rectum	Leukemia Mononuclear	
Intestine Small	Duodenum	Leukemia Mononuclear	
	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Islets, Pancreatic		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 5-5,6-5		
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 11-2		
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-21		
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-22		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 611
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035950

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Exudate	
		Fungus	
	Mucosa	Metaplasia	Squamous, Moderate
Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-7		
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
Note: FIBROSIS	TGLs = 12-24		
Note: LEUKEMIA MONUC	TGLs = 3-6		
Stomach	Forestomach	Erosion	Mild
	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
	Glandular	Ulcer	Mild
Note: LEUKEMIA MONUC	TGLs = 13-4		
Note: HYPERPLASIA	TGLs = 13-4,13-25		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10-23		
Tissue NOS		Leukemia Mononuclear	
Note: TGL 7 IS THORACIC FLUID.			
Note: LEUKEMIA MONUC	TGLs = 7-63		
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035951

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	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-5			
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: LEUKEMIA MONUC TGLs = 5-6			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Hyperplasia	Minimal
[Adenoma TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035951

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Moderate
Skin	Sebaceous Gl	Carcinoma	
Note: CARCINOMA TGLs = 1-21			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-6			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-7		Mineralization	Minimal
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

Animal Note: UNIDENTIFIED STRUCTURE ADJACENT TO BRONCHUS ON SLIDE #2;
Animal Note: POSSIBLY CHEMORECEPTOR TISSUE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 718

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Mild
Brain		Hydrocephalus	Mild
Intestine Large	Rectum	Parasite Metazoan	
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
		Nephropathy	Marked
Liver		Basophilic Focus	
	Lobules	Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Note: ALV BRON ADEN TGLs = 4-2			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-22,2-21			
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Mild
Pancreas		Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 718

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035952

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Inflammation

Chronic, Mild

Inflammation

Suppurative, Minimal

Prostate

Inflammation

Suppurative, Minimal

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 594
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: A85034393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder
Zymbal's Gland			

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex

OBSERVATIONS

Brain		Compression	
Intestine Large	Rectum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Lung		Congestion	Moderate
		Edema	Mild
Note: CONGESTION TGLs = 3-2			
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
Prostate		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035953

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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tissue NOS	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-21,2-22		
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Moderate
Note: HYPERPLASIA	TGLs = 4-7,4-23		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-1		
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 3-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035953

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Prostate
Spleen
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Forestomach

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular

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

OBSERVATIONS

Heart
Kidney
Liver

Cardiomyopathy
Nephropathy
Basophilic Focus
Clear Cell Focus

Minimal
Mild

Bile Duct
Hepatocyte

Granuloma
Hyperplasia
Vacuolization Cytoplasmic
Infiltration Cellular
Inflammation

Mild
Mild
Mild
Histiocyte, Marked
Chronic, Moderate

Lung

Note: INFLAMMATION TGLs = 2-2,3-2
[Inflammation TGLS = 2-2,3-2]

Pancreas
Preputial Gland
Testes

Acinar Cell
Interstit Cell

Adenoma
Inflammation
Adenoma

Suppurative, Minimal

Note: ADENOMA TGLs = 1-7

Thymus
Thyroid Gland

Follicle

Cyst
Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 651

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85035955

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	Lymph Node - Mesenteric
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-6			
Note: HYPERPLASIA TGLs = 5-6			
Lung		Edema	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-2			
[Leukemia Mononuclear TGLs = 7-2]			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8-1			
Nose		Exudate	
		Foreign Body	Moderate
		Fungus	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 651
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: A85035955

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Mild
[Adenoma TGLS = 8-1]			
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Stomach	Glandular	Erosion	Minimal
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Brain		Compression	
[Compression TGLS = 5-1]			
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Clear Cell Focus	
		Granuloma	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-21			
Pancreas		Atrophy	Minimal
		Focal Cellular Change	Minimal
		Hyperplasia	Focal, Moderate
Note: [HYPERPLASIA] TGLs = 3-22			
Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 6-1]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Fibrosis	Moderate
		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 4-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035956

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 4-7

Note: FIBROSIS TGLs = 4-7

Spleen

Testes

Note: ADENOMA TGLs = 2-7

Thyroid Gland

Interstitial Cell

Follicle

Pigmentation

Adenoma

Cyst

Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Minimal
Bone Marrow		Hypocellularity	Mild
Brain		Compression	
[Compression TGLS = 6-1]			
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-5			
Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8-1			
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA TGLs = 3-21			
Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 5-1]			
Preputial Gland		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 19	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 705 HISTO: A85035957
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 7-7		Inflammation	Suppurative, Moderate
Skin		Acanthosis	Marked
		Exudate	
		Fibrosis	Moderate
Note: FIBROSIS TGLs = 4-22			
Note: ACANTHOSIS TGLs = 4-22			
Note: EXUDATE TGLs = 4-22			
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Edema	Marked
	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Ulcer	Marked
Note: EDEMA TGLs = 9-4			
[Edema TGLS = 9-23]			
[Hyperplasia TGLS = 8-23]			
Testes	Interstit Cell	Hyperplasia	Moderate
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel		Polyarteritis	Mild
Note: THE POLYARTERITIS IS IN THE TESTES.			
Brain		Compression	
[Compression TGLS = 5-1]			
Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
Kidney		Inflammation	Chronic, Marked
		Mineralization	Minimal
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-5			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 7-8			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 4-22			
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035958

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland [Adenoma TGLS = 6-1]	Pars Distalis	Adenoma	
Preputial Gland Note: ECTASIA TGLs = 8-23		Ectasia	Mild
Prostate		Inflammation	Suppurative, Mild
Skin Note: FIBROMA TGLs = 1-21	Subcut Tiss	Fibroma	
Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Moderate
Testes Note: ADENOMA TGLs = 2-7	Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Mild Mild
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 507

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85033780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Bone Marrow		Hypercellularity	Marked
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Distalis	Pigmentation	Mild
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-21		
Prostate		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 2-6		
Stomach	Forestomach	Ulcer	Moderate
	Glandular	Ulcer	Mild
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035959

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic, Marked
		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-5		
Note: INFLAMMATION	TGLs = 2-5		
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinar Cell	Adenoma	
		Atrophy	Minimal
		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035959

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH -

Animal Note: THE LEUKEMIA IS IN AN EARLY STAGE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035960

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Cyst	
		Hemorrhage	Moderate
		Hyperplasia	Moderate
Note: THE LESIONS ARE PRESENT ON SLIDE NUMBER 21.			
Kidney		Inflammation	Chronic, Marked
		Nephropathy	Marked
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 3-21		
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	Follicle	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035960

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 653

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Note: ADENOMA TGLs = 3-21			
Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Mild
Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-6			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Pancreas		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 653
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035961

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-6-1			
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-22			
Note: HYPERPLASIA TGLs = 6-22			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: THE THYMUS IS PRESENT ON SLIDE 2-1.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Marked
		Mineralization	Minimal
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-5		
Note: INFLAMMATION	TGLs = 4-5		
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Inguinal, Lymphatic	Dilatation	Moderate
	Renal	Leukemia Mononuclear	
Note: DILATATION	TGLs = 7-8		
Note: LEUKEMIA MONUC	TGLs = 5-23		
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 3-22		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035962

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic, Mild
Prostate		Cyst	
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-21		
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 8-24		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7	Mineralization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
Lung	Hepatocyte	Vacuolization Cytoplasmic	Moderate
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2-1]		
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA	TGLs = 4-8		
Note: HYPERPLASIA	TGLs = 4-8		
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 7-21		
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035963

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thymus		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-6			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-3.1			
Note: LEUKEMIA MONUC TGLs = 8-23			
Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035964

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 9-23		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Skin		Acanthosis	Marked
		Foreign Body	Marked
		Hyperkeratosis	Marked
		Inflammation	Granulomatous, Marked
Note: ACANTHOSIS TGLs = 1-21			
Note: INFLAMMATION TGLs = 2-22			
Note: TGL 2 IS IN THE SUBCUTANEOUS FAT.			
Note: HYPERKERATOSIS TGLs = 1-21			
Note: FOREIGN BODY TGLs = 2-22			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6-1			
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 6-7			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035965

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel		Polyarteritis	Moderate
Note: POLYARTERITIS TGLs = 4-22			
Heart		Cardiomyopathy	Moderate
		Thrombosis	
Note: THROMBUS TGLs = 6-24			
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Marked
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-5			
Note: INFLAMMATION TGLs = 3-5			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 5-23			
Nose		Exudate	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035965

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Mucosa	Foreign Body	Moderate
		Fungus	
		Hyperplasia	Moderate
		Hyperplasia	Focal, Marked
Note: [HYPERPLASIA] TGLs = 8-7, 8-25			
Preputial Gland		Adenoma	
		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
Note: ECTASIA TGLs = 1-21			
Note: ADENOMA TGLs = 1-21			
Stomach	Glandular	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 624

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035966

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 3-21			
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
Note: PIGMENT TGLs = 2-5			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Kupffer Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-6			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Note: PHEOCHROM MAL TGLs = 6-2,7-2			
Lymph Node	Mediastinal	Pigmentation	Moderate
Mesentery		Mesothelioma Malignant	
Note: THE MESOTHELIOMA IS ALSO PRESENT ON SLIDES #4,6,7,& 8.			
Note: MESOTHELIO MAL TGLs = 5-22			
Pancreas		Infiltration Cellular	Histiocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 624
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035966

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Inflammation	Chronic, Mild
Preputial Gland		Adenoma	
Prostate		Inflammation	Suppurative, Mild
		Fibrosis	Moderate
		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: THE EPIDIDYMIS IS PRESENT ON SLIDE NUMBER 22.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035967

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
Lymph Node - Mesenteric	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
	Kidney	Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Mild
Lung	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 4-23		
Pharynx		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035967

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PAPILLOMA SQUA	TGLs = 5-9-2		
Pituitary Gland		Pars Distalis	Cyst
Preputial Gland			Inflammation
Note: INFLAMMATION	TGLs = 2-22		Suppurative, Marked
Skin		Subcut Tiss	Fibroma
Note: FIBROMA	TGLs = 1-21		
Spleen			Leukemia Mononuclear
Testes		Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 213
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A84031998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Nose	Exudate	
	Foreign Body	Mild
	Fungus	Marked

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035968

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
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Bone Marrow		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 4-21-1			
Heart	Epicardium	Cardiomyopathy	Minimal
		Inflammation	Chronic, Mild
Kidney		Inflammation	Chronic, Minimal
		Mineralization	Mild
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Hyperplasia	Mild
Lung		Atelectasis	Moderate
	Mediastinum	Hemangiosarcoma	
Note: ATELECTASIS TGLs = 5-2			
Note: HEMANGIOSARC TGLs = 4-21			
Lymph Node	Mesenteric	Erythrophagocytosis	Moderate
	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Mild
Note: HEMORRHAGE TGLs = 6-3			
[Hemorrhage TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 705
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035968

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 7-5]

Nose		Exudate	
		Foreign Body	Minimal
		Fungus	
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Intermed	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Prostate		Hematopoietic Cell Proliferation	Marked
Spleen			
Stomach	Glandular	Erosion	Mild
	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	

[Cyst TGLS = 8-22]

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL TGLs = 3-10			
Heart		Cardiomyopathy	Moderate
Note: TGL 5 WAS CLOTTED BLOOD WITHIN THE ATRIUM; NO LESIONS.			
Intestine Large	Colon	Parasite Metazoan	
Kidney		Cyst	
		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Nephropathy	Marked
Note: CYST TGLs = 4-5-2			
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-21			
Mesentery	Fat	Inflammation	Pyogranulomat, Moderate
	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33	TRT#: 1	SEX: Male	DAY ON TEST: 705
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035969

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE LESIONS ARE PRESENT ON SLIDE NUMBER 7.

Nose		Exudate	
		Foreign Body	Moderate
		Fungus	
	Mucosa	Metaplasia	Squamous, Moderate
Pancreas		Hyperplasia	Focal, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Glandular	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 568

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85034124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Eye	Retina	Atrophy	Moderate
Note: THE LENS FROM THE LEFT EYE WAS NOT AVAILABLE.			
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Nose		Exudate	
		Fungus	
		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Moderate
Pancreas		Atrophy	Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Mild
Note: FIBROSIS TGLs = 3-22			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 568
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85034124

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 3-10			
Blood Vessel		Polyarteritis	Moderate
Note: THE LESION IS ON SLIDE NUMBER 4.			
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Mild
[Infiltration Cellular TGLS = 2-21,2-2]			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Pancreas		Atrophy	Moderate
Prostate		Inflammation	Chronic, Mild
Spleen		Congestion	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035970

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Leukemia Mononuclear

Adenoma

Mineralization

Minimal

Note: ADENOMA TGLs = 1-7

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035971

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
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Note: THE ADENOMA IS PRESENT ON SLIDE NUMBER 21.			
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-6			
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinar Cell	Adenoma	
		Atrophy	Minimal
Note: ADENOMA TGLs = 5-21,5-7-1			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035971

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-7,2-7

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 703

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-22		
Prostate		Inflammation	Chronic, Minimal
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC	TGLs = 1-21		
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 5-6		
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
Note: ATROPHY	TGLs = 4-7		
Note: ADENOMA	TGLs = 3-7		
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 703

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035972

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 605

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035973

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
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Epididymis		Edema	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Granuloma	Moderate
		Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 1-8,1-8-1			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nerve	Hypertrophy	Marked
Note: THE LESION APPEARS TO BE SCHWANN CELL HYPERTROPHY IN THE FACIAL NERVE.			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035974

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Lobules	Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 6-3		
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA	TGLs = 1-21		
Pancreas		Atrophy	Mild
		Hyperplasia	Focal, Marked
Note: [HYPERPLASIA]	TGLs = 5-22		
Preputial Gland		Carcinoma	
		Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035974

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE LEUKEMIA IS IN AN EARLY STAGE.

Testes

Interstitial Cell

Adenoma

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain		Carcinoma	Metastatic (Pituitary Gland)
		Compression	
[Compression TGLS = 12-1]			
Heart	Myocardium	Cardiomyopathy	Mild
		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 8-2,8-23			
Lymph Node	Lymphatic, Renal	Dilatation	Moderate
	Mediastinal	Hemorrhage	Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Moderate
Note: HYPERPLASIA TGLs = 10-24			
Note: HEMORRHAGE TGLs = 9-3			
Note: DILATATION TGLs = 10-24			
Note: PIGMENT TGLs = 9-3			
Nose		Exudate	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 1 DOSE: VEHICLE CONTROL	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 701 HISTO: A85035975
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland [Carcinoma TGLS = 11-1]	Mucosa Pars Distalis	Fungus Hyperplasia Carcinoma	Moderate
Preputial Gland Note: CARCINOMA TGLs = 3-21		Carcinoma	
Prostate		Cyst Inflammation	Suppurative, Moderate
Spleen Note: DEVELOP MALFOR TGLs = 6-22		Developmental Malformation Hematopoietic Cell Proliferation	Mild
Testes Note: ATROPHY TGLs = 4-7 Note: ADENOMA TGLs = 5-7	Interstit Cell Seminif Tub	Adenoma Atrophy Mineralization	Minimal Mild
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Cardiomyopathy	Moderate
Kidney		Cyst	
		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 2-21		
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 1-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035976

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 649
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035977

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Infarct	Mild
		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-22		
Lung		Edema	Moderate
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2		
Note: HYPERPLASIA	TGLs = 6-2		
Note: INFILTRAT CELL	TGLs = 6-2		
Note: EDEMA	TGLs = 6-2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 649
DOSE: VEHICLE CONTROL **DISP:** Moribund Sacrifice **HISTO:** A85035977

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Note: LEUKEMIA MONUC	TGLs = 9-23		
Pancreas		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Minimal
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC	TGLs = 1-21		
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-6		
Stomach	Forestomach	Erosion	Mild
	Forestomach, Mucosa	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 10-24		
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY	TGLs = 3-7		
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Compression	
[Compression TGLS = 8-1]			
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Note: THE ADENOMA IS ON SLIDE NUMBER 22.			
Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 6-5]			
Liver	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-21			
Pancreas	Acinar Cell	Adenoma	
		Atrophy	Moderate
Note: ADENOMA TGLs = 5-22			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Edema	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035978

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 4-7-1		Inflammation	Suppurative, Marked
Note: EDEMA TGLs = 4-7-1			
Seminal Vesicle		Edema	Marked
		Inflammation	Suppurative, Moderate
Note: EDEMA TGLs = 3-7			
Note: INFLAMMATION TGLs = 3-7			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			
Urinary Bladder	Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:09

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood Vessel		Polyarteritis	Mild
Note: THE POLYARTERITIS IS ON SLIDE #4.			
Kidney		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Minimal
		Leukemia Mononuclear	
		Nephropathy	Marked
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-6			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-22			
Mesentery		Accessory Spleen	
Note: ACCESSORY SPLN TGLs = 5-23			
Nose		Exudate	
		Fungus	
	Mucosa	Metaplasia	Squamous, Mild
Pancreas		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:09
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035979

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 3-8		
Skin		Fibroma	
Note: FIBROMA	TGLs = 1-21		
Spleen		Leukemia Mononuclear	
Testes		Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 4-7		
Thyroid Gland		Adenoma	
Urethra		Ectasia	Moderate
Note: ECTASIA	TGLs = 6-24		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urethra
Urinary Bladder			

MISSING

Islets, Pancreatic Pancreas

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 4-23	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum Cecum	Edema Ulcer	Moderate Marked
Kidney		Inflammation Nephropathy	Chronic, Mild Moderate
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Mediastinum	Infiltration Cellular Inflammation Inflammation	Histiocyte, Minimal Granulomatous, Moderate Suppurative, Minimal
Note: INFLAMMATION TGLs = 7-22			
Mammary Gland		Fibroadenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin Note: FIBROMA TGLs = 2-21	Subcut Tiss	Fibroma	
Stomach	Glandular	Erosion	Minimal
Testes Note: ADENOMA TGLs = 3-7	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035980

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Minimal
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA ON SLIDE 5			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035981

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SOME OF THE CELLS IN THE HYPERPLASTIC AREA ARE HIGHLY

Note: PLEOMORPHIC.

Spleen

Leukemia Mononuclear

Testes

Interstit Cell

Adenoma

Mineralization

Moderate

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose		Exudate	
Pancreas		Atrophy	Moderate
		Hyperplasia	Focal, Mild
Note: HYPERPLASIA TGLs = 3-22			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
Note: ADENOMA TGLs = 1-21			
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035982

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 2-7		
Thyroid Gland		C Cell	Adenoma
		Follicular Cel	Adenoma
[Adenoma TGLS = 4-3.1]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
Bone Marrow		Hypercellularity	Moderate
Kidney		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Exudate	
		Foreign Body	Mild
	Mucosa	Hyperplasia	Mild
Pancreas		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035983

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOSARC TGLs = 1-21

Testes

Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2-7

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Intestine Large	Colon	Parasite Metazoan	
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Moderate
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 3-21			
Nose		Exudate	
		Fungus	
		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 4-22,4-9			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 1-7,2-7			
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 703

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Medulla	Pheochromocytoma Benign	Multiple
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Mild
Lung		Carcinoma	Metastatic (Thyroid Gland)
Note: CARCINOMA	TGLs = 5-2		
Lymph Node	Mandibular	Carcinoma	Metastatic (Thyroid Gland)
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 4-24		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-22		
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC	TGLs = 1-21		
Spleen		Congestion	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 703
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85035985

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstitial Cell	Hematopoietic Cell Proliferation	Mild
		Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 3-7			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 6-3,7-23			

PRIMARY CAUSE OF DEATH

-

Animal Note: THE PARATHYROID GLAND WAS OBSCURED BY THE THYROID MASS.

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036262

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	Lymph Node - Mesenteric
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	Multiple
	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-2			
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose		Exudate	
		Foreign Body	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 7 DOSE: 40 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 684 HISTO: A86036262
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Mucosa	Fungus Hyperplasia Inflammation	Mild Chronic, Mild
Pituitary Gland	Olfactory Epi	Pigmentation Atrophy	Mild Mild
Preputial Gland	Pars Distalis	Adenoma Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-6-1			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA TGLs = 4-3			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 730
DOSE: 40 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A86036263

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	Mammary Gland
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland Note: LEUKEMIA MONUC TGLs = 10-10	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic Note: ADENOMA TGLs = 9-22		Adenoma	
Kidney		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	Renal Tubule	Nephropathy	Moderate
Note: PIGMENT TGLs = 6-5		Pigmentation	Mild
Note: NEPHROPATHY TGLs = 6-5			
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Marked
		Hyperplasia	Focal, Moderate
Note: LEUKEMIA MONUC TGLs = 8-6		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 8-6			
Note: HYPERPLASIA TGLs = 8-6			
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Suppurative, Minimal
		Leukemia Mononuclear	
Note: ALV BRON ADEN TGLs = 11-2			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036263

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal Mandibular Mediastinal Mesenteric	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	Plasma Cell, Moderate
Nose	Olfactory Epi	Pigmentation	Moderate
Pancreas		Atrophy Edema	Minimal Moderate
Note: EDEMA TGLs = 5-7			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Fibrosis Leukemia Mononuclear	Moderate
Note: FIBROSIS TGLs = 4-21 Note: LEUKEMIA MONUC TGLs = 3-6			
Testes	Interstit Cell Seminif Tub	Adenoma Atrophy Mineralization	Moderate Mild
Note: ATROPHY TGLs = 2-7 Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 7

SEX: Male

DAY ON TEST: 697

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Mild
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
	Renal Tubule	Nephropathy	Mild
Liver	Bile Duct	Pigmentation	Mild
Lung		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 2-21			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74

TRT#: 7

SEX: Male

DAY ON TEST: 514

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A85033778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hemorrhage	Moderate
Brain		Congestion	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Note: THE ADENOMA IS PRESENT ON SLIDE NUMBER FOUR.			
Kidney		Nephropathy	Mild
Liver		Congestion	Moderate
	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Moderate
Note: CONGESTION TGLs = 3-2,3-2-1			
Lymph Node	Mandibular	Hemorrhage	Mild
	Mesenteric	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-7			
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75	TRT#: 7	SEX: Male	DAY ON TEST: 60
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A84030945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Congestion	Moderate
Liver	Centrilobular	Necrosis	Minimal
Lung		Congestion	Marked
		Edema	Mild
Note: CONGESTION	TGLs = 2-4		
Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 76

TRT#: 7

SEX: Male

DAY ON TEST: 66

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A83030670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Liver	Centrilobular	Necrosis	Minimal
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 3-4		
Thymus		Congestion	Moderate
		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 2-2		
[Hemorrhage TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 7	SEX: Male	DAY ON TEST: 67
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A83030671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Liver	Congestion	Moderate
Lung	Congestion	Moderate
	Hemorrhage	Moderate
[Congestion TGLS = 2-4]		
[Hemorrhage TGLS = 2-4]		
Thymus	Congestion	Moderate
	Hemorrhage	Moderate
[Congestion TGLS = 3-2]		
[Hemorrhage TGLS = 3-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 7

SEX: Male

DAY ON TEST: 66

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A83030672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Prostate
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mesentery
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Nose
Preputial Gland
Skin
Testes

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Liver		Congestion	Mild
	Centrilobular	Necrosis	Minimal
Lung		Congestion	Moderate
Thymus		Congestion	Mild
		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79	TRT#: 7	SEX: Male	DAY ON TEST: 67
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A83030673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Moderate
Heart	Myocardium	Inflammation	Chronic, Mild
Liver		Congestion	Mild
	Centrilobular	Necrosis	Mild
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 2-4		
Thymus		Congestion	Moderate
		Hemorrhage	Moderate
[Congestion TGLS = 3-2]			
[Hemorrhage TGLS = 3-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 7	SEX: Male	DAY ON TEST: 66
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A83030674

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	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Mesentery	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart	Myocardium	Inflammation	Chronic, Minimal
Liver	Centrilobular	Necrosis	Mild
Lung		Congestion	Moderate
Note: CONGESTION TGLs = 3-4			
Thymus		Congestion	Moderate
		Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 2-2			
[Hemorrhage TGLS = 2-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 81	TRT#: 7	SEX: Male	DAY ON TEST: 636
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A86036265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Brain		Congestion	Moderate
Heart		Cardiomyopathy	Mild
Note: THE LESION INCLUDES PIGMENT RESEMBLING HEMOSIDERIN.			
Intestine Large	Colon	Parasite Metazoan	
Note: THE LESION IS PRESENT ON SLIDE NUMBER 5.			
Kidney		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Necrosis	Minimal
Lung		Congestion	Marked
Nose		Congestion	Marked
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Glandular	Ulcer	Moderate
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA TGLs = 1-7			
Thymus		Congestion	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 7

SEX: Male

DAY ON TEST: 636

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A86036265

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Ectopic Parathyroid Gland

Follicle

Adenoma

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 7

SEX: Male

DAY ON TEST: 696

DOSE: 40 MG/KG

DISP: Dosing Accident

HISTO: A86036266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Angiectasis	Moderate
	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Congestion	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Portal	Necrosis	Mild
Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Moderate
		Foreign Body	Moderate
Note: CONGESTION	TGLs = 2-2		
Note: THE FOREIGN BODY WAS SUGGESTIVE OF ORAL INHALATION.			
[Foreign Body TGLS = 4-2-1]			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 82	TRT#: 7	SEX: Male	DAY ON TEST: 696
	DOSE: 40 MG/KG	DISP: Dosing Accident	HISTO: A86036266

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 7

SEX: Male

DAY ON TEST: 97

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Congestion	Mild
Heart	Myocardium	Inflammation	Chronic, Mild
Lung		Congestion	Marked
		Edema	Mild
Thymus		Hemorrhage	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84

TRT#: 7

SEX: Male

DAY ON TEST: 635

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A86036267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Mild
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Mild
	Hepatocyte	Pigmentation	Minimal
Lung		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Note: CONGESTION TGLs = 3-2			
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 1-21			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL NUMBER 5 WAS BLOOD WITHIN THE ATRIUM; NO LESION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 7

DOSE: 40 MG/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 635

HISTO: A86036267

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Lymphatic, Rectum	Dilatation	Moderate
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
Liver		Angiectasis	Minimal
		Basophilic Focus	
		Granuloma	Minimal
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mesenteric	Dilatation	Moderate
	Mandibular	Hyperplasia	Reticulum Cell, Mild
	Mesenteric	Necrosis	Minimal
Note: DILATATION			
TGLs = 2-5			
Nose	Olfactory Epi	Pigmentation	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036268

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86	TRT#: 7	SEX: Male	DAY ON TEST: 96
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A84030947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Congestion	Mild
Note: CONGESTION INVOLVES PRIMARILY MENINGES.			
Note: CONGESTION TGLs = 5-1			
Liver		Congestion	Mild
	Centrilobular	Necrosis	Minimal
Lung		Congestion	Moderate
[Congestion TGLS = 4-4]			
Lymph Node	Mandibular	Congestion	Mild
[Congestion TGLS = 1-2]			
Skin	Scrotum	Congestion	Mild
[Congestion TGLS = 2-21]			
Thymus		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87	TRT#: 7	SEX: Male	DAY ON TEST: 96
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A84030948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Brain		Congestion	Mild
Note: CONGESTION INVOLVES PRIMARILY MENINGES			
Note: CONGESTION TGLs = 4-1			
Liver		Congestion	Mild
	Centrilobular	Necrosis	Minimal
Lung		Congestion	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036269

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036269

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 7	SEX: Male	DAY ON TEST: 96
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A84030949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Brain		Congestion	Mild
Note: CONGESTION INVOLVES PRIMARILY MENINGES.			
Note: CONGESTION TGLs = 3-1			
Liver	Centrilobular	Necrosis	Minimal
Lung		Congestion	Mild
		Edema	Mild
Skin	Scrotum	Congestion	Mild
[Congestion TGLS = 1-21]			
Thymus		Hemorrhage	Marked
Note: HEMORRHAGE TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90

TRT#: 7

SEX: Male

DAY ON TEST: 96

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Seminal Vesicle
Testes

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Preputial Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Prostate
Stomach - Forestomach
Trachea

OBSERVATIONS

Brain
Note: CONGESTION TGLs = 2-1
Liver
Lung
Skin
Note: CONGESTION TGLs = 1-21
Thymus

Scrotum

Congestion Mild
Congestion Mild
Congestion Mild
Congestion Mild
Hemorrhage Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91

TRT#: 7

SEX: Male

DAY ON TEST: 185

DOSE: 40 MG/KG

DISP: Accidentally Killed

HISTO: A84032580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Moderate
Note: CONGESTION	TGLs = 2-8		
Brain		Congestion	Mild
Note: CONGESTION	TGLs = 5-1		
Heart	Myocardium	Inflammation	Chronic, Minimal
Intestine Large	Cecum	Edema	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
	Periportal	Inflammation	Chronic Active, Minimal
	Centrilobular	Necrosis	Minimal
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 4-4		
Preputial Gland		Inflammation	Chronic, Mild
Skin	Scrotum	Congestion	Mild
Note: CONGESTION	TGLs = 1-21		
Thymus		Congestion	Moderate
		Hemorrhage	Moderate

[Congestion TGLS = 3-2]
 [Hemorrhage TGLS = 3-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 92	TRT#: 7	SEX: Male	DAY ON TEST: 185
	DOSE: 40 MG/KG	DISP: Accidentally Killed	HISTO: A84032581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Moderate
Note: CONGESTION	TGLs = 2-8		
Kidney		Nephropathy	Minimal
Liver			
Note: MINERAL-LIKE MATERIAL; CONSIDERED ARTIFACT			
Lung		Congestion	Moderate
Lymph Node	Mesenteric	Congestion	Mild
Note: CONGESTION	TGLs = 3-8		
Prostate		Inflammation	Suppurative, Mild
Thymus		Congestion	Moderate
		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93

TRT#: 7

SEX: Male

DAY ON TEST: 702

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney	Artery	Hypertrophy	Marked
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-6			
Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Mild
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 7	SEX: Male	DAY ON TEST: 702
	DOSE: 40 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036270

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Carcinoma	
		Inflammation	Chronic, Mild
Note: CARCINOMA	TGLs = 1-21		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-6		
Testes		Adenoma	
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	Interstit Cell	Adenoma	
	C Cell		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 94

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036271

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
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Pheochromocytoma Benign	Multiple
Note: [PHEOCHROM BGN] TGLs = 5-10,9-10			
Blood Vessel		Polyarteritis	Mild
Note: THE LESION IS ON SLIDE NUMBER 4.			
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Marked
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 4-5			
Liver	Bile Duct	Clear Cell Focus	Mild
	Hepatocyte	Hyperplasia	Minimal
		Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose	Olfactory Epi	Pigmentation	Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036271

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-7,6-7

Note: ATROPHY TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Blood Vessel		Polyarteritis	Mild
Note: THE POLYARTERITIS IS PRESENT ON SLIDE NUMBER FOUR.			
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 3-5			
Liver		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 1-21			
Nose		Exudate	
		Fungus	
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Mild
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036272

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 5-8

Prostate

Inflammation

Suppurative, Minimal

Testes

Interstitial Cell

Adenoma

Mineralization

Mild

Note: ADENOMA TGLs = 2-7

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036273

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
Mammary Gland	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Leukemia Mononuclear Pheochromocytoma Benign Polyarteritis	Moderate
Blood Vessel			
Note: THE POLYARTERITIS IS PRESENT ON SLIDE NUMBER 4.			
Heart		Cardiomyopathy	Mild
Kidney		Inflammation Inflammation Nephropathy Pigmentation	Suppurative, Moderate Chronic, Moderate Moderate
Liver	Renal Tubule	Angiectasis Basophilic Focus Clear Cell Focus	Mild Mild
	Bile Duct	Hyperplasia Leukemia Mononuclear	Moderate
Lung		Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic, Minimal
Lymph Node	Mesenteric Mesenteric	Leukemia Mononuclear Necrosis	Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036273

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 97

TRT#: 7

SEX: Male

DAY ON TEST: 97

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Prostate
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Preputial Gland
Skin
Testes

OBSERVATIONS

Brain
Liver
 Note: NO REMARKABLE LESION
Lung
 [Congestion TGLS = 1-4]
Thymus

Congestion

Mild

Congestion

Moderate

Hemorrhage

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Brain		Compression	
Note: COMPRESSION	TGLs = 7-1		
Kidney		Cyst	
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Moderate
		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 3-5,3-21		
Note: CYST	TGLs = 4-21		
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Intermed	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 6-1,6-1.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98	TRT#: 7 DOSE: 40 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A86036274
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
Testes	Interstit Cell Seminif Tub	Adenoma Atrophy Mineralization	Marked Minimal
Note: ATROPHY	TGLs = 1-7		
Note: ADENOMA	TGLs = 2-7		
Thymus		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 5-22		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 99

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	Multiple
Note: PHEOCHROM BGN TGLs = 3-22			
Blood Vessel		Polyarteritis	Moderate
Note: THE POLYARTERITIS IS ON SLIDE NUMBER 4.			
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose		Exudate	
		Fungus	
		Inflammation	Chronic, Mild
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 99	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036275

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC	TGLs = 1-21		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Eye		Phthisis Bulbi	Moderate
Note: PHTHISIS BULBI TGLs = 1-21			
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Edema	Moderate
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
	Renal Tubule	Nephropathy	Mild
		Pigmentation	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Granuloma	Minimal
Note: CLEAR CL FOCUS TGLs = 3-22		Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose		Exudate	
		Fungus	
		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036276

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Olfactory Epi Pars Distalis Pars Distalis	Pigmentation Angiectasis Hyperplasia	Mild Minimal Minimal
Prostate		Inflammation Inflammation	Chronic, Mild Suppurative, Mild
Testes Note: ADENOMA TGLs = 2-7	Interstit Cell	Adenoma	
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 7

SEX: Male

DAY ON TEST: 109

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Rectum

OBSERVATIONS

Brain		Congestion	Mild
Note: CONGESTION	TGLs = 3-1		
Heart	Myocardium	Inflammation	Chronic, Mild
Liver	Centrilobular	Necrosis	Mild
Lung		Congestion	Moderate
[Congestion TGLS = 4-4]			
Skin	Scrotum	Congestion	Mild
[Congestion TGLS = 1-21]			
Thymus		Hemorrhage	Moderate
[Hemorrhage TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 102

TRT#: 7

SEX: Male

DAY ON TEST: 110

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Adrenal Gland - Medulla	Mammary Gland
-------------------------	---------------

OBSERVATIONS

Brain		Congestion	Moderate
Note: CONGESTION	TGLs = 3-1		
Liver		Congestion	Mild
	Centrilobular	Necrosis	Mild
Lung		Congestion	Moderate
Skin	Scrotum	Congestion	Mild
Note: CONGESTION	TGLs = 1-21		
Thymus		Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 2-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 7

SEX: Male

DAY ON TEST: 108

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Seminal Vesicle
Testes

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Preputial Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Pancreas
Prostate
Stomach - Forestomach
Trachea

OBSERVATIONS

Brain
Note: CONGESTION TGLs = 4-1
Lung
[Congestion TGLS = 2-4]
Nose
Mucosa
Skin
[Congestion TGLS = 1-21]
Thymus
[Hemorrhage TGLS = 3-2]

Mucosa
Scrotum

Congestion Mild
Congestion Moderate
Erosion Mild
Inflammation Chronic, Mild
Congestion Mild
Hemorrhage Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 7

SEX: Male

DAY ON TEST: 108

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Congestion	Moderate
Note: CONGESTION	TGLs = 4-1		
Heart	Myocardium	Inflammation	Chronic, Mild
Liver	Centrilobular	Necrosis	Minimal
Lung		Congestion	Moderate
[Congestion TGLS = 2-4]			
Skin	Scrotum	Congestion	Mild
[Congestion TGLS = 1-21]			
Thymus		Hemorrhage	Mild
[Hemorrhage TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 7

SEX: Male

DAY ON TEST: 108

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Seminal Vesicle
Testes

Bone
Heart
Intestine Small - Ileum
Liver
Nose
Preputial Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Prostate
Stomach - Forestomach
Trachea

MISSING

Intestine Large - Rectum

OBSERVATIONS

Brain
Note: CONGESTION TGLs = 4-1
Lung
[Congestion TGLS = 2-4]
Skin
[Congestion TGLS = 1-21]
Thymus
[Hemorrhage TGLS = 3-2]

Scrotum

Congestion Mild
Congestion Moderate
Congestion Mild
Hemorrhage Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 7

SEX: Male

DAY ON TEST: 96

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Nose
Preputial Gland
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Pancreas
Prostate
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Seminal Vesicle
Testes

MISSING

Intestine Large - Rectum

OBSERVATIONS

Brain		Congestion	Mild
Liver		Congestion	Moderate
	Centrilobular	Necrosis	Moderate
Lung		Congestion	Moderate
[Congestion TGLS = 4-4]			
Lymph Node	Mandibular	Congestion	Moderate
[Congestion TGLS = 1-2]			
Skin	Scrotum	Congestion	Moderate
[Congestion TGLS = 2-21]			
Thymus		Congestion	Moderate
[Congestion TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 2-21			
Note: THE MESOTHELIO ALSO IS PRESENT ON SLIDES 6 AND 7.			
Nose	Olfactory Epi	Pigmentation	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036278

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
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-23			
Blood Vessel		Polyarteritis	Mild
Note: THE POLYARTERITIS IS ON SLIDE NUMBER 4.			
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-22			
Nose		Exudate	
	Olfactory Epi	Pigmentation	Minimal
Pharynx		Squamous Cell Papilloma	
Note: PAPILOMA SQUA TGLs = 1-21			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036278

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LESION ACTUALLY ON GINGIVA; NO ORGAN AVAILABLE FOR SITE.

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 3-7]			
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 7

SEX: Male

DAY ON TEST: 488

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A85033579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Mild
Brain		Congestion	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Congestion	Moderate
		Nephropathy	Minimal
Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lung		Congestion	Marked
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Subacute, Moderate

Note: MANY OF THE HISTIOCYTES CONTAINED BROWNISH PIGMENT.

Note: CONGESTION TGLs = 3-2

Lymph Node	Mediastinal	Hemorrhage	Marked
Nose		Congestion	Moderate
Prostate		Inflammation	Suppurative, Moderate
Skin	Scrotum	Congestion	Moderate
Testes	Interstit Cell	Adenoma	
Thymus		Congestion	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 110

TRT#: 7

SEX: Male

DAY ON TEST: 697

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Lymph Node - Mesenteric
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Note: PHEOCHROM BGN TGLs = 4-22			
Brain		Compression	
[Compression TGLS = 8-1]			
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 5-5			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Lobules	Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 6-6			
Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-23			
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-8,2-8-1			
Nose	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110	TRT#: 7 DOSE: 40 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 697 HISTO: A86036279
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Cytoplasmic Alteration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
Prostate		Inflammation	Suppurative, Mild
Skin		Acanthosis	Mild
		Exudate	
		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-21			
Note: ACANTHOSIS TGLs = 1-21			
Note: EXUDATE TGLs = 1-21			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Stomach	Glandular	Ulcer	Moderate
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
		Cataract	Moderate
	Sclera	Mineralization	Mild
Note: CATARACT	TGLs = 1-21		
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Note: ADENOMA	TGLs = 3-22		
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Granuloma	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036280

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HDN	TGLs = 4-23			
Lung		Alveolar Epith	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
Nose		Olfactory Epi	Pigmentation	Minimal
Pituitary Gland		Pars Distalis	Cyst	
Testes		Interstit Cell	Adenoma Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7			
Thyroid Gland		C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 112

TRT#: 7

SEX: Male

DAY ON TEST: 592

DOSE: 40 MG/KG

DISP: Dosing Accident

HISTO: A85034391

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
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Lung		Congestion	Moderate
		Edema	Mild
		Foreign Body	Mild
		Infiltration Cellular	Histiocyte, Minimal
	[Congestion TGLS = 2-2,2-2-1]		
	[Infiltration Cellular TGLS = 2-2]		
Nose		Congestion	Marked
		Exudate	
	Olfactory Epi	Pigmentation	Minimal
Prostate		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112

TRT#: 7

SEX: Male

DAY ON TEST: 592

DOSE: 40 MG/KG

DISP: Dosing Accident

HISTO: A85034391

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-7

Trachea

Exudate

Note: EXUDATE TGLs = 3-3

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113	TRT#: 7	SEX: Male	DAY ON TEST: 206
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A84032582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	

MISSING

Intestine Large - Colon

OBSERVATIONS

Brain		Congestion	Moderate
Note: CONGESTION	TGLs = 5-1		
Lung		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 3-4]			
Lymph Node	Mandibular	Congestion	Moderate
[Congestion TGLS = 1-2]			
Skin	Scrotum	Congestion	Mild
Note: CONGESTION	TGLs = 2-21		
Thymus		Congestion	Moderate
		Hemorrhage	Moderate
[Congestion TGLS = 4-2]			
[Hemorrhage TGLS = 4-2]			
Urinary Bladder		Edema	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036281

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	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Marked
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-5		
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 1-21		
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Moderate
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036281

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
		Mineralization	Moderate
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115

TRT#: 7

SEX: Male

DAY ON TEST: 206

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84032583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain		Congestion	Mild
Note: CONGESTION	TGLs = 4-1		
Intestine Large	Rectum	Parasite Metazoan	
Liver	Centrilobular	Necrosis	Mild
Note: NECROSIS	TGLs = 5-5		
Lung		Congestion	Moderate
		Edema	Mild
Note: CONGESTION	TGLs = 3-4		
Lymph Node	Mandibular	Congestion	Mild
Note: CONGESTION	TGLs = 1-2		
Skin	Scrotum	Congestion	Mild
Note: CONGESTION	TGLs = 2-21		
Stomach	Glandular	Ulcer	Moderate
Note: ULCER	TGLs = 6-6		
Thymus		Congestion	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036282

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-21		
Nose		Exudate	
	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036282

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 3-7	Mineralization	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Pentachloroanisole
 CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
 Time Report Requested: 22:29:10
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 117

TRT#: 7

SEX: Male

DAY ON TEST: 548

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A85034392

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	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Bone Marrow		Angiectasis	Marked
		Leukemia Mononuclear	
Heart		Angiectasis	Moderate
		Cardiomyopathy	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Moderate
Note: LEUKEMIA MONUC	TGLs = 7-6		
Note: NECROSIS	TGLs = 7-6		
Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117	TRT#: 7	SEX: Male	DAY ON TEST: 548
	DOSE: 40 MG/KG	DISP: Natural Death	HISTO: A85034392

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Moderate
Skin		Basal Cell Carcinoma	
Note: BASAL CEL CARC	TGLs = 1-21		
Spleen		Congestion	Moderate
		Leukemia Mononuclear	
		Necrosis	Mild
Note: LEUKEMIA MONUC	TGLs = 4-6,5-6		
Note: NECROSIS	TGLs = 5-6		
Note: CONGESTION	TGLs = 5-6		
Stomach	Glandular	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
		Mineralization	Minimal
Note: ATROPHY	TGLs = 2-7		
Note: ADENOMA	TGLs = 3-7		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 118

TRT#: 7

SEX: Male

DAY ON TEST: 109

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Moderate
Brain		Congestion	Mild
Liver		Congestion	Mild
Lung		Congestion	Moderate
[Congestion TGLS = 2-4]			
Lymph Node	Mandibular	Congestion	Mild
	Mediastinal	Congestion	Mild
[Congestion TGLS = 3-4]			
Pancreas		Atrophy	Minimal
Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119

TRT#: 7

SEX: Male

DAY ON TEST: 709

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036283

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	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Osteosarcoma	
Note: OSTEOSARC	TGLs = 2-21		
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 7

SEX: Male

DAY ON TEST: 109

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A84030959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Marked
Brain		Congestion	Mild
Heart	Myocardium	Inflammation	Chronic, Mild
Lung		Congestion	Moderate
[Congestion TGLS = 2-4]			
Thymus		Congestion	Moderate
		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 141

TRT#: 13

SEX: Male

DAY ON TEST: 185

DOSE: 20 MG/KG

DISP: Accidentally Killed

HISTO: A84032587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Brain		Congestion	Mild
Note: CONGESTION	TGLs = 5-1		
Heart	Myocardium	Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Necrosis	Minimal
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 4-4		
Thymus		Congestion	Mild
		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 3-2		
[Hemorrhage TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 142

TRT#: 13

SEX: Male

DAY ON TEST: 185

DOSE: 20 MG/KG

DISP: Accidentally Killed

HISTO: A84032588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Prostate
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Testes

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Parathyroid Gland
Seminal Vesicle
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Preputial Gland
Spleen
Trachea

OBSERVATIONS

Brain
Note: CONGESTION TGLs = 5-1
Kidney
Liver
Lung
Note: CONGESTION TGLs = 4-4
Lymph Node
Pituitary Gland
Skin
Note: CONGESTION TGLs = 1-21
Stomach
Thymus
Note: CONGESTION TGLs = 3-2
[Congestion TGLs = 3-2]

Centrilobular
Mandibular
Pars Distalis
Scrotum
Forestomach, Mucosa
Forestomach

Congestion
Nephropathy
Necrosis
Congestion
Inflammation
Congestion
Angiectasis
Congestion
Hyperplasia
Inflammation
Congestion
Hemorrhage

Mild
Minimal
Minimal
Moderate
Chronic, Minimal
Mild
Mild
Minimal
Mild
Chronic Active, Mild
Moderate
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143

TRT#: 13

SEX: Male

DAY ON TEST: 705

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-5			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Note: ALV BRON ADEN TGLs = 7-2-1			
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Marked
	Mandibular	Infiltration Cellular	Polymorphnuclr, Moderate
Note: HYPERPLASIA TGLs = 3-8			
Note: DILATATION TGLs = 3-8			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143	TRT#: 13	SEX: Male	DAY ON TEST: 705
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036332

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROADENOMA	TGLs = 1-21		
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Marked
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
		Focal Cellular Change	
Pituitary Gland		Adenoma	
Note: ADENOMA	TGLs = 8-1		
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland		Adenoma	
Note: ADENOMA	TGLs = 6-3		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144

TRT#: 13

SEX: Male

DAY ON TEST: 185

DOSE: 20 MG/KG

DISP: Accidentally Killed

HISTO: A84032589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Mild
Note: CONGESTION	TGLs = 2-8		
Brain		Congestion	Mild
Note: CONGESTION	TGLs = 5-1		
Heart		Cardiomyopathy	Mild
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 4-4		
Thymus		Congestion	Moderate
		Hemorrhage	Moderate
Note: CONGESTION	TGLs = 3-2		
[Congestion TGLS = 3-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 13

SEX: Male

DAY ON TEST: 185

DOSE: 20 MG/KG

DISP: Accidentally Killed

HISTO: A84032590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: CONGESTION TGLs = 2-8	Cortex	Congestion	Mild
Brain Note: CONGESTION TGLs = 5-1		Congestion	Mild
Heart	Myocardium	Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Liver Note: BLUE FINELY GRANULAR MATERIAL AMONG HEPATOCYTES; Note: CONSIDERED ARTIFACT; NOT CODED	Centrilobular	Necrosis	Minimal
Lung Note: CONGESTION TGLs = 4-4		Congestion Edema	Moderate Mild
Lymph Node	Mandibular	Congestion	Mild
Thymus		Congestion Hemorrhage	Mild Moderate
[Congestion TGLS = 3-2]			
[Hemorrhage TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146

TRT#: 13

SEX: Male

DAY ON TEST: 628

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Hyperplasia	Lymphoid, Marked
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
Preputial Gland		Ectasia	Mild
Note: ECTASIA TGLs = 2-8			
Prostate		Fibrosis	Mild
		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: THE LEUKEMIA IS IN AN EARLY STAGE.			
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036334

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN	TGLs = 2-21		
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hyperplasia	Mononuclear CI, Moderate
Note: HYPERPLASIA	TGLs = 4-22		
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 13

SEX: Male

DAY ON TEST: 493

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A85033580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Lymph Node - Mesenteric	Mammary Gland	Nose
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands
Thyroid Gland			

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-6		
Testes	Interstitial Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 13

SEX: Male

DAY ON TEST: 493

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A85033580

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 149

TRT#: 13

SEX: Male

DAY ON TEST: 568

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Lung	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Diffuse, Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Marked
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Cytoplasmic Alteration	Moderate
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Edema	Mild
	Glandular	Ulcer	Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-7		
Zymbal's Gland		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC	TGLs = 2-21		

PRIMARY CAUSE OF DEATH -

Animal Note: THE THYMUS IS PRESENT ON SLIDE NUMBER 2.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150

TRT#: 13

SEX: Male

DAY ON TEST: 718

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 3-21			
Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
		Nephropathy	Marked
Liver	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Note: THE LESION IS PRESENT ADJACENT TO THE SALIVARY GLAND.			
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 150	TRT#: 13	SEX: Male	DAY ON TEST: 718
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036335

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Dysplasia	Moderate
Testes	Interstit Cell	Adenoma	
		Mineralization	Moderate

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH -

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036336

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
Lung	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN	TGLs = 3-21		
Heart		Cardiomyopathy	Mild
		Thrombosis	
Note: THROMBUS	TGLs = 5-5-1		
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
Note: HYPERPLASIA	TGLs = 1-8		
Note: DILATATION	TGLs = 1-8		
Note: HYPERPLASIA	TGLs = 4-22		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151	TRT#: 13 DOSE: 20 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A86036336
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ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Exudate	
		Foreign Body	Mild
		Fungus	
		Inflammation	Chronic, Mild
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: THE LEUKEMIA IS IN AN EARLY STAGE.			
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036337

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	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: BRONCHIOLE.			
Note: INFLAMMATION INCLUDES PROTRUSION OF LYMPHACYTES INTO			
Lymph Node	Mesenteric	Hyperplasia	Reticulum Cell, Mild
	Mesenteric	Necrosis	Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal

Note: ATROPHY TGLs = 2-7

Note: ADENOMA TGLs = 1-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036337

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: GRANULES WITHIN CYTOPLASM OF TUBULAR CELLS			
Note: NEPHROPATHY TGLs = 4-5			
Note: PIGMENT CONSISTS OF DARK BROWN TO GOLDEN BROWN			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
		Hyperplasia	Lobular, Mild
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036338

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EPITHELIUM; COARSER PIGMENT GRANULES ARE PRESENT
 Note: PIGMENT CONSISTS OF BROWN TO DARK BROWN FINE GRANULES
 Note: WITHIN APICAL & BASILAR PORTIONS OF OLFACTORY
 Note: WITHIN THE LAMINA PROPRIA

Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Moderate
		Adenoma	
Pituitary Gland	Pars Distalis		
Note: ADENOMA	TGLs = 5-1		
Prostate		Inflammation	Suppurative, Minimal
Skin		Acanthosis	Mild
		Acanthosis	Marked
		Hyperkeratosis	Marked
		Inflammation	Chronic, Minimal
[Acanthosis TGLS = 2-22]			
[Acanthosis TGLS = 1-21]			
[Hyperkeratosis TGLS = 2-22]			
[Inflammation TGLS = 1-21]			
Spleen		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 13

SEX: Male

DAY ON TEST: 703

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A86036339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-21		
Nose		Exudate	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154	TRT#: 13	SEX: Male	DAY ON TEST: 703
	DOSE: 20 MG/KG	DISP: Natural Death	HISTO: A86036339

ORGAN AND ACCOUNTABLE SITE STATUS

		Foreign Body	Mild
		Fungus	
		Inflammation	Chronic, Mild
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hemorrhage	Marked
		Leukemia Mononuclear	
		Necrosis	Moderate
Note: HEMORRHAGE	TGLs = 7-6		
Note: LEUKEMIA MONUC	TGLs = 4-6,7-6		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7,3-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 155

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland
Preputial Gland	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
		Nephropathy	Marked
Liver		Angiectasis	Moderate
		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
		Hyperplasia	Focal, Moderate
Note: [HYPERPLASIA] TGLs = 5-21			
Prostate		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 3-7			
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 6-22			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155	TRT#: 13	SEX: Male	DAY ON TEST: 732
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036340

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY	TGLs = 1-7	Mineralization	Mild
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036341

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL	TGLs = 5-23		
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Cyst	
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
Note: CYST	TGLs = 6-5-1		
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
	Kupffer Cell	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Note: HYPERPLASIA	TGLs = 7-6		
Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Mild
Note: SOME HISTIOCYTES CONTAINS LARGE AMOUNTS OF BROWN PIGMENT.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156	TRT#: 13 DOSE: 20 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A86036341
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ORGAN AND ACCOUNTABLE SITE STATUS

Nose Note: PIGMENT ALSO PRESENT IN LAMINA PROPRIA BENEATH Note: OLFACTORY EPITHELIUM	Olfactory Epi	Pigmentation	Mild
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands Note: ATROPHY TGLs = 2-8-1		Atrophy	Minimal
Skin Note: PAPILLOMA SQUA TGLs = 1-21		Squamous Cell Papilloma	
Testes Note: ADENOMA TGLs = 3-7	Interstit Cell	Adenoma	
Thyroid Gland	Follicle Follicular Cel	Cyst Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Tongue	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Blood Vessel		Polyarteritis	Mild
Note: THE POLYARTERITIS IS ON SLIDE NUMBER 7.			
Brain		Mineralization	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Marked
		Mineralization	Minimal
		Nephropathy	Moderate
		Pigmentation	Mild
	Renal Tubule		
Note: NEPHROPATHY TGLs = 3-5			
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mediastinal	Hemorrhage	Moderate
	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036342

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Marked
	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic, Moderate
Note: ADENOMA	TGLs = 1-21		
Skin		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 5-23		
Stomach	Glandular	Edema	Minimal
	Glandular	Hemorrhage	Minimal
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: POLYARTERITIS IS ALSO PRESENT ON SLIDE NUMBER 3.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 13

SEX: Male

DAY ON TEST: 704

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036343

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	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Minimal
Preputial Gland		Foreign Body	Mild
		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 158

TRT#: 13

SEX: Male

DAY ON TEST: 704

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036343

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-7,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 13

SEX: Male

DAY ON TEST: 509

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A85033776

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Suppurative, Mild
Skin	Subcut Tiss	Myxosarcoma	
Note: MYXOSARCOMA TGLs = 1-21			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
Note: HEMA CELL PROL TGLs = 3-6			
Note: LEUKEMIA MONUC TGLs = 3-6			
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160	TRT#: 13	SEX: Male	DAY ON TEST: 732
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036344

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-1] [Cyst TGLS = 4-1]	Pars Distalis	Cyst	
Testes	Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Note: ATROPHY TGLs = 1-7 Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 161

TRT#: 13

SEX: Male

DAY ON TEST: 687

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Ear
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hypercellularity	Marked
Heart		Cardiomyopathy	Moderate
Kidney		Cyst	
		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Marked
	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: DILATATION	TGLs = 2-23		
Mammary Gland		Hyperplasia	Lobular, Mild
Nose	Olfactory Epi	Pigmentation	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-21		
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 161

TRT#: 13

SEX: Male

DAY ON TEST: 687

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036345

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROSIS TGLs = 4-22
Testes

Interstit Cell

Leukemia Mononuclear

Adenoma
Mineralization

Mild

Note: ADENOMA TGLs = 3-7
Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 13

SEX: Male

DAY ON TEST: 654

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
		Cataract	Moderate
Note: CATARACT	TGLs = 1-21		
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	Mandibular	Hemorrhage	Mild
Lymph Node		Hyperplasia	Cystic, Mild
Mammary Gland		Pigmentation	Minimal
Nose	Olfactory Epi	Atrophy	Minimal
Pancreas			
Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 3-1]			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Erosion	Mild
	Forestomach, Mucosa	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162	TRT#: 13	SEX: Male	DAY ON TEST: 654
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036346

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Forestomach Interstit Cell	Ulcer Adenoma Mineralization	Marked Mild
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Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 13

SEX: Male

DAY ON TEST: 683

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A86036347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Rectum
Islets, Pancreatic	Mammary Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Moderate
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Lobules	Necrosis	Mild
Note: LEUKEMIA MONUC	TGLs = 4-6		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hemorrhage	Marked
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Leukemia Mononuclear	
Parathyroid Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163	TRT#: 13	SEX: Male	DAY ON TEST: 683
	DOSE: 20 MG/KG	DISP: Natural Death	HISTO: A86036347

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 2-6		Leukemia Mononuclear	
Stomach	Glandular	Mineralization	Mild
Testes	Interstitial Cell	Adenoma	
		Leukemia Mononuclear	
Note: ADENOMA TGLs = 1-7			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 164

TRT#: 13

SEX: Male

DAY ON TEST: 718

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
Nose	Olfactory Epi	Pigmentation	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate
Testes	Interstit Cell	Adenoma	

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 165

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036349

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Pheochromocytoma Benign	
Note: [PHEOCHROM BGN] TGLs = 4-22			
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Moderate
Preputial Gland		Adenoma	
		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Moderate
Note: ADENOMA TGLs = 1-21			
Prostate		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 165

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036349

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-7,3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036350

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
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Tongue

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Mild
Liver		Clear Cell Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mediastinal	Hemorrhage	Marked
	Mesenteric	Hemorrhage	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: HEMORRHAGE	TGLs = 3-3		
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-21		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Adenoma	
		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Moderate
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 166

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036350

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 167

TRT#: 13

SEX: Male

DAY ON TEST: 701

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow		Hypocellularity	Mild
Brain		Compression	
Note: COMPRESSION	TGLs = 7-1		
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Adenoma	
Note: ADENOMA	TGLs = 3-21		
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mesenteric	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HEMORRHAGE	TGLs = 5-5		
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-8		
Nose	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167	TRT#: 13	SEX: Male	DAY ON TEST: 701
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036351

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 6-1	Pars Distalis	Adenoma	
Preputial Gland Note: INFLAMMATION TGLs = 8-8		Inflammation	Chronic, Moderate
Prostate		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Edema	Moderate
	Forestomach	Inflammation	Chronic, Mild
	Forestomach	Ulcer	Moderate
Testes	Seminif Tub	Atrophy	Marked
Note: ATROPHY TGLs = 2-7	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 168

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036352

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	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 3-21	Medulla	Pheochromocytoma Malignant	
Blood Vessel Note: THE POLYARTERITIS IS PRESENT ON SLIDES 2 AND 7.		Polyarteritis	Mild
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: DILATATION TGLs = 1-8.1			
Note: HYPERPLASIA TGLs = 1-8.1			
Nose		Exudate	
		Fungus	
		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168	TRT#: 13	SEX: Male	DAY ON TEST: 733
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036352

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Olfactory Epi	Pigmentation	Minimal
Preputial Gland		Atrophy	Minimal
		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Minimal
Spleen		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Pigmentation	Hemosiderin, Moderate
	Forestomach, Mucosa	Edema	Mild
Testes	Interstit Cell	Hyperplasia	Moderate
Note: ADENOMA		Adenoma	
TGLs = 2-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Inguinal	Hyperplasia	Plasma Cell, Mild
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169	TRT#: 13	SEX: Male	DAY ON TEST: 733
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036353

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Moderate
Note: ADENOMA	TGLs = 1-21		
Note: INFLAMMATION	TGLs = 1-21		
Testes		Interstit Cell	
Note: ADENOMA	TGLs = 2-7	Adenoma	
Thyroid Gland		C Cell	
		Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	Multiple
[Leukemia Mononuclear TGLS = 8-10]			
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 15-1		
Note: LEUKEMIA MONUC	TGLs = 15-1		
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Edema	Moderate
	Cecum	Ulcer	Moderate
Note: EDEMA	TGLs = 12-4		
Note: ULCER	TGLs = 13-4		
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Infarct	Marked
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: INFARCT	TGLs = 9-5		
Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 11-6		
Lung		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 732
DOSE: 20 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A86036354

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-8		
Note: LEUKEMIA MONUC	TGLs = 7-23		
Note: LEUKEMIA MONUC	TGLs = 14-3		
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
		Focal Cellular Change	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skin		Cyst Epithelial Inclusion	
		Ulcer	Moderate
Note: CYST EPITH INC	TGLs = 5-22		
Note: ULCER	TGLs = 1-21		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-6		
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mineralization	Minimal
Note: ATROPHY	TGLs = 4-7		
Note: ADENOMA	TGLs = 3-7		
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 170

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036354

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171

TRT#: 13

SEX: Male

DAY ON TEST: 633

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Bone Marrow		Hypocellularity	Moderate
Brain		Compression	
		Hydrocephalus	Mild
[Compression TGLS = 6-1]			
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
Liver	Renal Tubule	Pigmentation	Mild
	Centrilobular	Atrophy	Mild
		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Note: HDN TGLs = 2-21			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
		Cytoplasmic Alteration	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171	TRT#: 13	SEX: Male	DAY ON TEST: 633
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036355

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ZYMOGEN GRANULES. Note: CYTOPLAS ALTER TGLs = 4-7 Note: THE CYTOPLASMIC ALTERATION CONSIST OF DEPLETION OF THE		Hyperplasia	Focal, Mild
Pituitary Gland [Adenoma TGLS = 5-1]	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Mild
Prostate Note: INFLAMMATION TGLs = 3-7		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Erosion	Moderate
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 172

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mesenteric	Hemorrhage	Mild
Nose	Olfactory Epi	Pigmentation	Minimal
Note: PIGMENT ALSO IN LAM. PROPRIA BENEATH EPITHELIUM			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-21			
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 13

SEX: Male

DAY ON TEST: 486

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A85033581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Mild
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver	Centrilobular	Atrophy	Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-23		
Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-21		
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
		Necrosis	Mild
Note: LEUKEMIA MONUC	TGLs = 3-6-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173	TRT#: 13 DOSE: 20 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 486 HISTO: A85033581
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach, Mucosa Glandular	Hyperplasia Leukemia Mononuclear	Moderate
Testes	Interstit Cell	Adenoma Mineralization	Minimal
Note: ADENOMA	TGLs = 1-7		
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-22		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036357

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
Lung	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel		Polyarteritis	Mild
Note: THE LESION IS PRESENT ON SLIDE NUMBER 4.			
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose		Exudate	
	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 174

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036357

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 1-8

Note: INFLAMMATION TGLs = 1-8

Spleen

Leukemia Mononuclear

Stomach

Forestomach, Mucosa

Hyperplasia

Minimal

Testes

Interstit Cell

Adenoma

Mineralization

Mild

Note: ADENOMA TGLs = 2-7

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: THE LEUKEMIA IS IN AN EARLY STAGE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175

TRT#: 13

SEX: Male

DAY ON TEST: 578

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A85034321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Small - Ileum	Lymph Node - Mesenteric	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Diffuse, Moderate
Bone Marrow		Hypercellularity	Moderate
Brain		Degeneration	Focal, Mild
Heart		Cardiomyopathy	Mild
Kidney		Hydronephrosis	Marked
		Nephropathy	Minimal
Note: HYDRONEPHROSIS TGLs = 5-5,6-5,14-5			
Liver		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Mild
Lung		Carcinoma	Metastatic (Stomach)
Note: CARCINOMA TGLs = 16-2			
Lymph Node	Bronchial	Carcinoma	Metastatic (Stomach)
	Mediastinal	Carcinoma	Metastatic (Stomach)
Note: CARCINOMA TGLs = 15-27			
Pancreas		Carcinoma	Metastatic (Stomach)
Note: CARCINOMA TGLs = 3-7			
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Carcinoma	Metastatic (Stomach)
Spleen		Carcinoma	Metastatic (Stomach)
		Degeneration	Fatty, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175

TRT#: 13

SEX: Male

DAY ON TEST: 578

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A85034321

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA	TGLs = 4-22		Hyperplasia	Reticulum Cell, Marked
Stomach		Glandular	Carcinoma	
Note: CARCINOMA	TGLs = 13-25,2-21,11-23,12-24			
Testes		Interstit Cell	Adenoma	
		Seminif Tub	Atrophy	Marked
			Mineralization	Minimal
Note: ADENOMA	TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

Animal Note: PORTIONS OF THE CARCINOMA ALSO ARE PRESENT OF SLIDES 4 AND 5

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036358

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas	Acinar Cell	Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-8-1		
Prostate		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Moderate
Note: ADENOMA	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036358

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 13

SEX: Male

DAY ON TEST: 684

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	Multiple
Note: PHEOCHROM BGN TGLs = 3-10			
Bone Marrow		Hypercellularity	Marked
Brain		Compression	
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Hyperplasia	Mild
Note: [HEPATOCLR ADEN] TGLs = 7-23			
Lung		Fibrosarcoma	Metastatic (Skin)
Note: FIBROSARC TGLs = 5-2,8-2			
Mammary Gland		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-21			
Nose	Olfactory Epi	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177	TRT#: 13	SEX: Male	DAY ON TEST: 684
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036359

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Atrophy	Mild
Pituitary Gland		Adenoma	
Note: ADENOMA	TGLs = 6-1		
Skin		Fibrosarcoma	
Note: FIBROSARC	TGLs = 2-22		
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes		Adenoma	
	Interstit Cell		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 4-10	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	
Islets, Pancreatic		Cyst	
Kidney	Transit Epithe	Cyst	
		Hyperplasia	Minimal
		Inflammation	Chronic, Marked
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-5			
Liver	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 178

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036360

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179

TRT#: 13

SEX: Male

DAY ON TEST: 704

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A86036361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Medulla	Pheochromocytoma Malignant	Multiple
Note: PHEOCHROM MAL TGLs = 5-23,6-10			
Brain		Astrocytoma Malignant	
Heart		Cardiomyopathy	Mild
Note: TGL 7 WAS BLOOD WITHIN THE ATRIUM; NO LESION.			
Kidney		Inflammation	Chronic, Marked
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 4-5-1			
Liver	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Moderate
Lung		Congestion	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Minimal
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 2-22			
Spleen		Necrosis	Minimal
Stomach	Glandular	Erosion	Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 179

TRT#: 13

SEX: Male

DAY ON TEST: 704

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A86036361

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TGL 1 IS A PREPUTIAL GLAND DUCT; NO LESIONS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	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	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tongue	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hypercellularity	Mild
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Suppurative, Minimal
		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
Note: ADENOMA	TGLs = 1-21		
Prostate		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036362

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Testes

Interstit Cell

Adenoma

Seminif Tub

Atrophy

Marked

Mineralization

Mild

Note: ATROPHY

TGLs = 3-7

Note: ADENOMA

TGLs = 2-7

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036363

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	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Note: PHEOCHROM BGN TGLs = 3-21			
Note: A PHEOCHROM ALSO IS PRESENT ON SLIDE NUMBER 10.			
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mesenteric	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 4-3			
Note: HEMORRHAGE TGLs = 5-5			
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7,2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Clear Cell Focus	
	Medulla	Pheochromocytoma Benign	Multiple
Note: PHEOCHROM BGN TGLs = 2-21			
Heart		Cardiomyopathy	Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Mild
Note: ALV BRON ADEN TGLs = 5-2			
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Mild
		Hyperplasia	Focal, Mild
Note: [HYPERPLASIA] TGLs = 3-22			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 182

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036364

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 6-1.1	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 1-7	Interstit Cell	Adenoma Mineralization	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 183

TRT#: 13

SEX: Male

DAY ON TEST: 697

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Bone		Squamous Cell Carcinoma	Metastatic (Pharynx)
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	
		Congestion	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3-1			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 3-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
Pharynx		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-22,1-22-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 183

TRT#: 13

SEX: Male

DAY ON TEST: 697

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036365

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Inflammation

Chronic, Moderate

Spleen

Leukemia Mononuclear

Testes

Interstit Cell

Adenoma

Mineralization

Minimal

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036366

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Mild
Blood Vessel		Polyarteritis	Moderate
Note: THE LESION IS ON SLIDE NUMBER 5.			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
Note: HDN TGLs = 2-21			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 3-3			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Focal Cellular Change	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036366

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1-7

Thymus

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036367

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin		Angiectasis	Mild
Spleen		Fibrosis	Moderate
Note: FIBROSIS			
TGLs = 1-21			
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 185

TRT#: 13

SEX: Male

DAY ON TEST: 733

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036367

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 13

SEX: Male

DAY ON TEST: 719

DOSE: 20 MG/KG

DISP: Natural Death

HISTO: A86036368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Pharynx	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM BGN TGLs = 3-22	Medulla	Pheochromocytoma Benign	Multiple
Bone Marrow		Hypercellularity	Moderate
Heart		Cardiomyopathy	Moderate
Intestine Large	Cecum	Parasite Metazoan	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: THE INFLAMMATION INVOLVES PRIMARILY THE PORTAL AREAS.			
Lung		Congestion	Mild
Lymph Node	Mesenteric	Pigmentation	Moderate
Mesentery		Mesothelioma Benign	
Note: THE MESOTHELIOMA IS PRESENT ON SLIDE NUMBER 7.			
Nose		Exudate	
		Fungus	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186	TRT#: 13	SEX: Male	DAY ON TEST: 719
	DOSE: 20 MG/KG	DISP: Natural Death	HISTO: A86036368

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Mucosa	Inflammation	Chronic, Moderate
Skin	Olfactory Epi	Metaplasia	Squamous, Moderate
Note: SQUAM CEL CARC TGLs = 1-21		Pigmentation	Minimal
Spleen		Atrophy	Minimal
		Squamous Cell Carcinoma	
Testes	Interstitial Cell	Hematopoietic Cell Proliferation	Moderate
Note: ADENOMA TGLs = 2-7		Hyperplasia	Reticulum Cell, Moderate
Thyroid Gland	Follicular Cel	Pigmentation	Hemosiderin, Moderate
Note: ADENOMA TGLs = 6-3		Adenoma	
		Mineralization	Minimal
Thyroid Gland		Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 187

TRT#: 13

SEX: Male

DAY ON TEST: 507

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A85033777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hemorrhage	Moderate
	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
Note: HEMORRHAGE TGLs = 8-3			
Note: PIGMENT TGLs = 8-3			
[Hemorrhage TGLS = 1-5]			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Edema	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187	TRT#: 13	SEX: Male	DAY ON TEST: 507
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A85033777

ORGAN AND ACCOUNTABLE SITE STATUS

Testes Note: ADENOMA TGLs = 2-7	Forestomach Interstitial Cell	Erosion Adenoma	Mild
Thymus Tongue Note: SQUAM CEL CARC TGLs = 7-22		Congestion Squamous Cell Carcinoma	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036369

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	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Leukemia Mononuclear	
	Renal Tubule	Nephropathy	Mild
		Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188	TRT#: 13	SEX: Male	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036369

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 5-1.1]			
[Hyperplasia TGLS = 5-1,5-1.1]			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7		Mineralization	Mild
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 13

SEX: Male

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Note: FOCI OF FLOCCULENT GREY MATERIAL; CONSIDERED AN ARTIFACT.			
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 13

SEX: Male

DAY ON TEST: 185

DOSE: 20 MG/KG

DISP: Accidentally Killed

HISTO: A84032591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Seminal Vesicle
Testes

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Prostate
Stomach - Forestomach
Trachea

OBSERVATIONS

Heart
Liver

Preputial Gland
Spleen
Thymus

Myocardium

Centrilobular

Inflammation
Congestion
Necrosis
Inflammation
Congestion
Hemorrhage

Chronic, Minimal
Moderate
Minimal
Chronic, Mild
Moderate
Mild

Note: HEMORRHAGE TGLs = 3-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 211

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 4-22			
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Moderate
		Mixed Cell Focus	
Note: CLEAR CL FOCUS TGLs = 6-23			
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
		Inflammation	Chronic, Mild
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Mild
Note: [HYPERPLASIA] TGLs = 3-21			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 8-1			
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 211	TRT#: 19	SEX: Male	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036381

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE LEUKEMIA IS IN AN EARLY STAGE.

Testes	Interstitial Cell Seminif Tub	Adenoma Atrophy	Marked
Note: ATROPHY	TGLs = 1-7		
Note: ADENOMA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036382

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
	Lobules	Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-21		
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212	TRT#: 19	SEX: Male	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036382

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Marked
		Mineralization	Minimal
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Marked
Note: HYPERPLASIA	TGLs = 1-8-1		
Note: DILATATION	TGLs = 1-8-1		
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Exudate	
		Foreign Body	Marked
		Fungus	
	Mucosa	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213	TRT#: 19 DOSE: 10 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: A86036383
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: FOREIGN BODY TGLs = 5-9-1 Note: EXUDATE TGLs = 5-9-1 Note: FUNGUS TGLs = 5-9-1	Olfactory Epi	Inflammation Pigmentation	Chronic, Moderate Minimal
Pancreas Pituitary Gland Note: ADENOMA TGLs = 6-1	Pars Distalis	Atrophy Adenoma	Minimal
Prostate Spleen Testes Note: ADENOMA TGLs = 2-7	Interstit Cell	Inflammation Leukemia Mononuclear Adenoma	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 19

SEX: Male

DAY ON TEST: 640

DOSE: 10 MG/KG

DISP: Dosing Accident

HISTO: A86036384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Minimal
Esophagus		Ulcer	Moderate
Note: THE ULCER IS PRESENT ON SLIDE NUMBER 2.			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Moderate
	Hepatocyte	Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
Nose		Exudate	
		Foreign Body	Moderate
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214	TRT#: 19 DOSE: 10 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: 640 HISTO: A86036384
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ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle Note: THE FIBROMA IS PRESENT ON SLIDE 9-1.	Mucosa	Metaplasia Fibroma	Squamous, Moderate
Spleen Note: LEUKEMIA MONUC TGLs = 3-6		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 2-7	Interstit Cell	Adenoma Mineralization	Mild
Thyroid Gland	C Cell	Hyperplasia Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Inflammation Nephropathy	Chronic, Moderate Moderate
[Inflammation TGLS = 7-5]			
Liver		Basophilic Focus Degeneration Eosinophilic Focus	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Foreign Body Infiltration Cellular Inflammation	Moderate Histiocyte, Mild Chronic, Mild
Note: THE FOREIGN BODY APPEARS TO BE OIL WITHIN THE ALVEOLI.			
Note: INFILTRAT CELL TGLs = 8-2			
Lymph Node	Mediastinal	Pigmentation Fibroadenoma	Moderate
Mammary Gland			
Note: FIBROADENOMA TGLs = 2-21			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 3-22			
Nose	Olfactory Epi	Exudate Pigmentation Hyperplasia	Minimal Focal, Moderate
Pancreas			
Note: [HYPERPLASIA] TGLs = 6-23			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 215	TRT#: 19 DOSE: 10 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO: A86036385
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Ectasia Inflammation	Mild Chronic, Moderate
Note: INFLAMMATION TGLs = 1-8 Note: ECTASIA TGLs = 1-8			
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
Testes	Interstit Cell Seminif Tub	Adenoma Atrophy	Moderate
Note: ADENOMA TGLs = 4-7 Note: ATROPHY TGLs = 5-7			
Thyroid Gland	Follicle	Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Lymph Node - Mesenteric	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Eye	Retina	Atrophy	Marked
		Cataract	Moderate
Note: CATARACT TGLs = 1-21			
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
Note: [HEPATOCLR ADEN] TGLs = 3-22			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216	TRT#: 19	SEX: Male	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036386

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Cyst	
		Inflammation	Suppurative, Minimal
Testes	Interstitial Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:10

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 217

TRT#: 19

SEX: Male

DAY ON TEST: 667

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036387

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
Mammary Gland	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Erythrophagocytosis	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose	Olfactory Epi	Pigmentation	Minimal
		Squamous Cell Carcinoma	
Pancreas		Cytoplasmic Alteration	Mild
Note: CYTOPLAS ALTER TGLs = 2-7			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Minimal
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL	TGLs = 3-22		
Eye	Retina	Atrophy	Marked
		Cataract	Moderate
	Cornea	Hyperplasia	Minimal
	Sclera	Mineralization	Moderate
Note: CATARACT	TGLs = 1-21		
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Basophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: TWO DIFFERENT TUMORS APPEAR TO BE PRESENT.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218	TRT#: 19	SEX: Male	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036388

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstitial Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:10
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219

TRT#: 19

SEX: Male

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036389

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	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mesenteric	Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 3-22		
Mammary Gland		Fibroadenoma	
Note: THE FIBROADENOMA CONTAINS ONLY A FEW GLANDULAR STRUCTURES.			
Note: FIBROADENOMA	TGLs = 1-21		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219	TRT#: 19	SEX: Male	DAY ON TEST: 733
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036389

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Nephropathy	Moderate
		Pigmentation	Minimal
Note: PIGMENT CODED IS THAT CONSIDERED XS OF NORMAL			
Note: NEPHROPATHY TGLs = 3-5			
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 7-6			
Note: LEUKEMIA MONUC TGLs = 7-6			
Lung		Edema	Moderate
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-2			
Note: INFILTRAT CELL TGLs = 8-2			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220	TRT#: 19	SEX: Male	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036390

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 4-22	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-3			
Note: LEUKEMIA MONUC TGLs = 6-5			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-6			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7		Mineralization	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Mild
		Nephropathy	Marked
Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Moderate
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Nervosa	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Stomach	Glandular	Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036391

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Mineralization

Minimal

Note: ADENOMA TGLs = 2-7

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 19

SEX: Male

DAY ON TEST: 684

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036392

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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Accessory Adrenal Cortical Nodule Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Marked
Liver	Renal Tubule	Pigmentation	Minimal
Mammary Gland	Bile Duct	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 1-8		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Moderate
Note: THE HYPERPLASIA IS PRESENT ON SLIDES 4-1 AND 7.			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
Prostate		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Edema	Mild
	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA TGLs = 5-21			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222

TRT#: 19

SEX: Male

DAY ON TEST: 684

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036392

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Adenoma

Mineralization

Moderate

Note: ADENOMA TGLs = 2-7

Thyroid Gland

Follicle

Cyst

PRIMARY CAUSE OF DEATH

-

Animal Note: MUCUS PLUG IN URINARY BLADDER; NOT CODED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 223

TRT#: 19

SEX: Male

DAY ON TEST: 578

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034311

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lung		Inflammation	Chronic, Minimal
Lymph Node	Inguinal	Hyperplasia	Plasma Cell, Mild
	Inguinal	Hyperplasia	Lymphoid, Mild
Nose	Olfactory Epi	Pigmentation	Minimal
Preputial Gland		Adenoma	
		Inflammation	Chronic, Marked
Note: INFLAMMATION	TGLs = 1-21		
Note: ADENOMA	TGLs = 1-21		
Spleen		Leukemia Mononuclear	
Note: THE LEUKEMIA IS IN AN EARLY STAGE.			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036393

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Cyst	
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Granuloma	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Mixed Cell Focus	
Note: HDN TGLs = 3-21			
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Pigmentation	Moderate
Note: HEMORRHAGE TGLs = 5-22			
Note: PIGMENT TGLs = 5-22			
Note: HYPERPLASIA TGLs = 5-22			
Mammary Gland		Hyperplasia	Lobular, Mild
		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224	TRT#: 19	SEX: Male	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036393

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thymus		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 225

TRT#: 19

SEX: Male

DAY ON TEST: 598

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036394

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Minimal
Bone Marrow		Hypercellularity	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland		Hyperplasia	Minimal
Preputial Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 1-21			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-6			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226

TRT#: 19

SEX: Male

DAY ON TEST: 604

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Marked
		Cataract	Moderate
	Sclera	Mineralization	Minimal
Note: CATARACT TGLs = 1-44			
Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Mild
Liver		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Nose		Exudate	
		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 4-9-1			
Pancreas		Cytoplasmic Alteration	Marked
Note: CYTOPLAS ALTER TGLs = 3-7			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 226	TRT#: 19 DOSE: 10 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 604 HISTO: A86036395
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal
Testes	Interstit Cell	Hyperplasia	Minimal

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

Animal Note: SHATTERED MUCUS PLUG IN THE URINARY BLADDER; NOT CODED.

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 19

SEX: Male

DAY ON TEST: 627

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Reticulum Cell, Moderate
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Angiectasis	Moderate
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Moderate
		Leukemia Mononuclear	
	Lobules	Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 6-6			
Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 7-2			
Lymph Node	Lymphatic, Mesenteric	Dilatation	Marked
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227	TRT#: 19	SEX: Male	DAY ON TEST: 627
	DOSE: 10 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036396

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 8-3
Note: LEUKEMIA MONUC TGLs = 4-22
[Pigmentation TGLS = 8-3]

Mesentery		Mesothelioma Malignant	
Note: THE MESOTHELIOMA IS ALSO PRESENT ON SLIDE NUMBER 7.			
Note: MESOTHELIO MAL TGLs = 3-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-6			
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228

TRT#: 19

SEX: Male

DAY ON TEST: 435

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: A85033499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Ear	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Brain		Congestion	Mild
Note: ZONES OF AUTOLYSIS LINED WITH BACTERIA; NOT CODED.			
Heart		Cardiomyopathy	Mild
Liver	Centrilobular	Necrosis	Moderate
Lung		Congestion	Mild
		Edema	Mild
Note: CONGESTION TGLs = 2-2			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Pentachloroanisole
 CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
 Time Report Requested: 22:29:11
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 229

TRT#: 19

SEX: Male

DAY ON TEST: 488

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85033582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Mild
Liver	Renal Tubule	Pigmentation	Minimal
	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
	Lobules	Necrosis	Moderate
Note: LEUKEMIA MONUC			TGLs = 5-6
Note: HYPERPLASIA			TGLs = 5-6
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229	TRT#: 19	SEX: Male	DAY ON TEST: 488
	DOSE: 10 MG/KG	DISP: Moribund Sacrifice	HISTO: A85033582

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland Note: HYPERPLASIA TGLs = 1-8		Hyperplasia	Cystic, Mild
Nose		Exudate Fungus	
Pancreas		Atrophy	Mild
Pituitary Gland Note: ADENOMA TGLs = 6-1	Pars Distalis	Adenoma	
Prostate Note: INFLAMMATION TGLs = 2-7,3-7		Inflammation	Suppurative, Marked
Spleen Note: LEUKEMIA MONUC TGLs = 4-6-1		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230

TRT#: 19

SEX: Male

DAY ON TEST: 724

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036397

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
Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Moderate
	Cortex	Clear Cell Focus	
	Cortex	Hematopoietic Cell Proliferation	Mild
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-22		
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 5-23		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230

TRT#: 19

SEX: Male

DAY ON TEST: 724

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036397

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Inflammation

Chronic, Mild

Skin

Hyperplasia

Basal Cell, Minimal

Note: HYPERPLASIA TGLs = 1-21

Spleen

Leukemia Mononuclear

Testes

Interstit Cell

Adenoma

Mineralization

Minimal

Note: ADENOMA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 231

TRT#: 19

SEX: Male

DAY ON TEST: 625

DOSE: 10 MG/KG

DISP: Dosing Accident

HISTO: A86036398

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Congestion	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-6			
Lung		Congestion	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukocytosis	Mild
[Congestion TGLS = 5-2]			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-21			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-6			
Stomach	Forestomach	Mineralization	Minimal
Testes	Interstit Cell	Adenoma	
		Mineralization	Moderate
Note: ADENOMA TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 231

TRT#: 19

SEX: Male

DAY ON TEST: 625

DOSE: 10 MG/KG

DISP: Dosing Accident

HISTO: A86036398

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036399

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	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Intestine Small	Jejunum	Adenoma	
Note: ADENOMA	TGLs = 3-21		
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Moderate
Prostate		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 1-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 232

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036399

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 233

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036400

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
Lung	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
Lymph Node	Lymphatic, Mandibular	Dilatation	Marked
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-21			
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Minimal
Note: HYPERPLASIA TGLs = 3-22			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 19

SEX: Male

DAY ON TEST: 521

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85033774

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	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Thymus
Trachea			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Mild
Bone	Femur	Osteopetrosis	Moderate
Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Marked
Brain		Granular Cell Tumor Benign	
Heart		Leukemia Mononuclear	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Lobules	Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose		Exudate	
		Fungus	
		Inflammation	Chronic, Marked
	Mucosa	Metaplasia	Squamous, Marked
		Pigmentation	Minimal
Preputial Gland		Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	

Note: LEUKEMIA MONUC TGLs = 2-6

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 234

TRT#: 19

SEX: Male

DAY ON TEST: 521

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85033774

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Erosion	Moderate
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Edema	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235

TRT#: 19

SEX: Male

DAY ON TEST: 737

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036401

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	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Pancreas		Atrophy	Mild
		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-1		
Note: ANGIECTASIS	TGLs = 4-1		
Preputial Gland		Inflammation	Chronic, Moderate
Prostate		Inflammation	Suppurative, Minimal
Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235	TRT#: 19	SEX: Male	DAY ON TEST: 737
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036401

ORGAN AND ACCOUNTABLE SITE STATUS

Note: KERATOACANTHMA	TGLs = 1-21		
Testes		Interstitial Cell	Adenoma
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland		C Cell	Adenoma

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236

TRT#: 19

SEX: Male

DAY ON TEST: 572

DOSE: 10 MG/KG

DISP: Dosing Accident

HISTO: A85034312

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Marked
		Cataract	Moderate
Note: CATARACT	TGLs = 1-21		
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Suppurative, Moderate
Lymph Node	Mediastinal	Hemorrhage	Mild
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Note: THE ADENOMA CONTAINS NUMEROUS BLOOD LAKES.			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 236

TRT#: 19

SEX: Male

DAY ON TEST: 572

DOSE: 10 MG/KG

DISP: Dosing Accident

HISTO: A85034312

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237

TRT#: 19

SEX: Male

DAY ON TEST: 613

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Cortex	Necrosis	Moderate
Note: LEUKEMIA MONUC	TGLs = 6-10		
Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Marked
Heart	Myocardium	Inflammation	Chronic, Moderate
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Minimal
Note: INFLAMMATION	TGLs = 4-22		
Note: INFLAMMATION	TGLs = 4-22		
Liver	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
Note: LEUKEMIA MONUC	TGLs = 5-6		
Note: HYPERPLASIA	TGLs = 5-6		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237	TRT#: 19 DOSE: 10 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 613 HISTO: A86036402
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ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland	Mesenteric	Leukemia Mononuclear	Cystic, Moderate
Nose		Hyperplasia	
		Exudate	
		Fungus	
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal
Skin		Trichoepithelioma	
Note: TRICHOEPITHEL TGLs = 1-21			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Stomach	Glandular	Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Mineralization	Moderate
Note: ADENOMA TGLs = 2-7			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238

TRT#: 19

SEX: Male

DAY ON TEST: 634

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: A86036403

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Note: TGL #4 IS BLOOD WITHIN THE ATRIUM; NO LESION.			
Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Nose		Exudate	
		Fungus	
Pancreas		Atrophy	Minimal
Spleen		Leukemia Mononuclear	
		Necrosis	Marked
Note: NECROSIS TGLs = 2-21			
Testes	Interstitial Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 239

TRT#: 19

SEX: Male

DAY ON TEST: 678

DOSE: 10 MG/KG

DISP: Dosing Accident

HISTO: A86036404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	Multiple
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
Liver		Congestion	Moderate
	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Necrosis	Moderate
Lung		Congestion	Moderate
		Foreign Body	Moderate
Note: CONGESTION TGLs = 4-2			
Note: THE FOREIGN BODY IS SUGGESTIVE OF OIL WITHIN THE ALVEOLI.			
Lymph Node	Mediastinal	Hemorrhage	Marked
	Mesenteric	Hemorrhage	Marked
Note: HEMORRHAGE TGLs = 5-3			
Note: HEMORRHAGE TGLs = 7-5			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-21			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Mild
Testes	Interstitial Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 19

SEX: Male

DAY ON TEST: 678

DOSE: 10 MG/KG

DISP: Dosing Accident

HISTO: A86036404

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 6 IS BLOOD RETAINED WITHIN THE HEART CHAMBERS; NO LESION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 19

SEX: Male

DAY ON TEST: 529

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
Brain		Mineralization	Minimal
Eye	Retina	Atrophy	Marked
		Cataract	Mild
	Sclera	Mineralization	Minimal
Note: CATARACT	TGLs = 1-44		
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 240

TRT#: 19

SEX: Male

DAY ON TEST: 529

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034313

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Subcut Tiss	Fibrosarcoma
Note: FIBROSARC TGLs = 2-21		
Testes	Interstit Cell	Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241

TRT#: 19

SEX: Male

DAY ON TEST: 437

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: A85033500

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Islets, Pancreatic	Pancreas
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Carcinoma	Metastatic (Stomach)
	Centrilobular	Necrosis	Moderate
Note: CARCINOMA	TGLs = 3-22		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukocytosis	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Carcinoma	
Note: CARCINOMA	TGLs = 2-21,5-4		
Testes	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036405

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	Lymph Node - Mesenteric
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Minimal
Blood Vessel		Polyarteritis	Mild
Note: THE POLYARTERITIS IS PRESENT ON SLIDE NUMBER 21.			
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Moderate
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
Mammary Gland		Fibroadenoma	
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
Preputial Gland		Inflammation	Chronic, Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 242

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036405

ORGAN AND ACCOUNTABLE SITE STATUS

Mineralization

Moderate

Note: ADENOMA TGLs = 2-7

Note: ATROPHY TGLs = 1-7

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036406

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
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Marked
Note: THE HYPERPLASIA IS PRESENT WITHIN THE PANCREATIC ADENOMA.			
Kidney		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: ALV BRON ADEN TGLs = 3-2			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Moderate
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
		Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243	TRT#: 19	SEX: Male	DAY ON TEST: 736
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036406

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Note: THE LEUKEMIA IS IN AN EARLY STAGE.			
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA TGLs = 1-7			
Thymus		Cyst	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244

TRT#: 19

SEX: Male

DAY ON TEST: 687

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036407

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
Mammary Gland	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Moderate
	Myocardium	Inflammation	Chronic, Moderate
Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Leukemia Mononuclear	
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Mild
	Note: THE FOCAL HYPERPLASIA IS PRESENT ON SLIDE NUMBER 4.		
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	Note: HYPERPLASIA TGLs = 3-1		
Skin	Subcut Tiss	Fibroma	
	Note: FIBROMA TGLs = 1-21		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 244

TRT#: 19

SEX: Male

DAY ON TEST: 687

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036407

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear
Testes	Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 2-7	
Thyroid Gland	C Cell	Adenoma
		Ultimobranchial Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 245

TRT#: 19

SEX: Male

DAY ON TEST: 577

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: A85034314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Marked
Bone Marrow		Hypercellularity	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Marked
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukocytosis	Moderate
Lymph Node	Mediastinal	Pigmentation	Moderate
Note: PIGMENT	TGLs = 6-3		
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-21		
Prostate		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 5-6		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246

TRT#: 19

SEX: Male

DAY ON TEST: 709

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036408

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
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	Multiple
Blood Vessel		Polyarteritis	Moderate
Note: THE LESION IS PRESENT ON SLIDE NUMBER 4.			
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: ANGIECTASIS TGLs = 4-6			
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-8.1			
Note: HYPERPLASIA TGLs = 1-8.1			
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246	TRT#: 19 DOSE: 10 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 709 HISTO: A86036408
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen Note: LEUKEMIA MONUC TGLs = 3-6		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 2-7	Interstit Cell	Adenoma Mineralization	Minimal
Thyroid Gland Tongue Note: PAPILLOMA SQUA TGLs = 5-21	Follicle	Cyst Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247

TRT#: 19

SEX: Male

DAY ON TEST: 570

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Centrilobular	Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-8		
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Prostate		Inflammation	Suppurative, Mild
Note: INFLAMMATION	TGLs = 2-7		
Spleen		Pigmentation	Hemosiderin, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 19

SEX: Male

DAY ON TEST: 626

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL	TGLs = 3-10		
Brain		Hemorrhage	Mild
Heart		Cardiomyopathy	Moderate
	Myocardium	Inflammation	Chronic, Moderate
Kidney		Cyst	
		Inflammation	Chronic, Marked
		Mineralization	Moderate
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
	Kupffer Cell	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mesenteric	Erythrophagocytosis	Mild
	Mandibular	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA	TGLs = 1-8		
Mesentery		Accessory Spleen	
Note: THE ACCESSORY SPLEEN IS PRESENT ON SLIDE NUMBER 6.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 19

SEX: Male

DAY ON TEST: 626

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036409

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Hemorrhage	Marked
	Pars Distalis	Necrosis	Marked
Note: HEMORRHAGE	TGLs = 5-1		
Note: NECROSIS	TGLs = 5-1		
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 6-8		
Spleen		Hyperplasia	Reticulum Cell, Moderate
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Chronic, Moderate
	Glandular	Inflammation	Chronic Active, Moderate
	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249

TRT#: 19

SEX: Male

DAY ON TEST: 649

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain		Compression	
		Hydrocephalus	Mild
Note: COMPRESSION	TGLs = 5-1		
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 2-5		
Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: THE ADENOMA CONTAINS LARGE BLOOD LAKES.			
Note: ADENOMA	TGLs = 4-1		
Preputial Gland		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Mild
Stomach	Glandular	Edema	Mild
	Forestomach, Mucosa	Hyperplasia	Moderate
	Glandular	Inflammation	Chronic Active, Moderate
	Forestomach	Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 249	TRT#: 19	SEX: Male	DAY ON TEST: 649
	DOSE: 10 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036410

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION	TGLs = 3-4		
Testes		Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland		C Cell	Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036411

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	Lymph Node - Mesenteric	Mesentery	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Blood Vessel		Polyarteritis	Moderate
Note: POLYARTERITIS IS ALSO PRESENT ON SLIDE NUMBER 4.			
Note: POLYARTERITIS TGLs = 4-22			
Eye	Retina	Atrophy	Moderate
		Cataract	Mild
	Sclera	Mineralization	Mild
Note: CATARACT TGLs = 5-23			
Heart		Cardiomyopathy	Mild
		Schwannoma Benign	
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 2-5			
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250	TRT#: 19 DOSE: 10 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: A86036411
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ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose	Olfactory Epi	Hyperplasia Pigmentation	Lobular, Minimal Minimal
Note: PIGMENT PRESENT TO LARGER EXTENT IN LAMINA PROPRIA Note: THAN WITHIN EPITHELIAL CELLS			
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-21			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 251

TRT#: 19

SEX: Male

DAY ON TEST: 568

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: A85034316

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Centrilobular	Necrosis	Marked
Note: NECROSIS	TGLs = 4-6		
Lung		Infiltration Cellular	Histiocyte, Moderate
		Leukocytosis	Moderate
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL	TGLs = 1-21		
Note: THE MESOTHELIOMA ALSO IS PRESENT ON SLIDE NUMBER 7.			
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
Prostate		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Reticulum Cell, Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Note: ATROPHY	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 251

TRT#: 19

SEX: Male

DAY ON TEST: 568

DOSE: 10 MG/KG

DISP: Natural Death

HISTO: A85034316

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 252

TRT#: 19

SEX: Male

DAY ON TEST: 535

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hypocellularity	Moderate
Brain		Compression	
		Hydrocephalus	Mild
Note: COMPRESSION	TGLs = 2-1		
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Prostate		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Ulcer	Minimal
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 253

TRT#: 19

SEX: Male

DAY ON TEST: 726

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Inflammation	Chronic, Moderate
		Mineralization	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 2-8		
Pancreas		Cytoplasmic Alteration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 253

TRT#: 19

SEX: Male

DAY ON TEST: 726

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036412

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Edema	Moderate
	Forestomach, Mucosa	Hyperplasia	Marked
	Forestomach	Ulcer	Marked
Testes	Interstitial Cell	Adenoma	
Note: ADENOMA	TGLs = 3-7		
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036413

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
Lymph Node - Mesenteric	Parathyroid Gland	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Angiectasis	Mild
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Mild
	Medulla	Infiltration Cellular	Lymphocyte, Moderate
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Prostate		Inflammation	Suppurative, Moderate
Salivary Glands		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036413

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Cyst Epithelial Inclusion
Note: CYST EPITH INC	TGLs = 1-21	
Spleen		Leukemia Mononuclear
Note: THE LEUKEMIA IS IN AN EARLY STAGE.		
Testes	Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 2-7	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 19

SEX: Male

DAY ON TEST: 649

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036414

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
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Note: HDN TGLs = 8-21			
Lung		Alveolar/Bronchiolar Adenoma	
		Foreign Body	Mild
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Moderate
Note: ALV BRON ADEN TGLs = 6-2			
Note: INFLAMMATION TGLs = 6-2			
Note: INFLAMMATION TGLs = 6-2			
Note: INFILTRAT CELL TGLs = 6-2			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 19

SEX: Male

DAY ON TEST: 649

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036414

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA	TGLs = 1-8			
Mammary Gland			Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 2-8			
Pancreas			Hyperplasia	Focal, Mild
Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-1			
Prostate			Inflammation	Suppurative, Moderate
Spleen		Lymph Follic	Atrophy	Moderate
			Hematopoietic Cell Proliferation	Mild
		Red Pulp	Hyperplasia	Moderate
			Pigmentation	Hemosiderin, Mild
Testes		Interstit Cell	Adenoma	
			Mineralization	Minimal
Note: ADENOMA	TGLs = 3-7			
Thyroid Gland		C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 5-3			
Trachea		Mucosa	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 256

TRT#: 19

SEX: Male

DAY ON TEST: 736

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Parathyroid Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Minimal
Blood Vessel		Polyarteritis	Mild
Note: THE POLYARTERITIS IS ON SLIDE NUMBER 4.			
Heart		Cardiomyopathy	Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 3-21,4-22			
Nose		Exudate	
		Fungus	
	Mucosa	Metaplasia	Squamous, Moderate
	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 256	TRT#: 19	SEX: Male	DAY ON TEST: 736
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036415

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
Prostate		Hyperplasia	Minimal
Spleen		Inflammation	Chronic, Minimal
Testes	Interstitial Cell	Congestion	Minimal
		Adenoma	
		Mineralization	Moderate
Note: ADENOMA TGLs = 2-7			
Thyroid Gland	Follicle	Cyst	
	C Cell	Hyperplasia	Mild
Note: CYST TGLs = 1-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 257

TRT#: 19

SEX: Male

DAY ON TEST: 689

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036416

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	Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Moderate
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-23]			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Pigmentation	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-21			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL TGLs = 3-22			
Note: THE MESOTHELIOMA ALSO IS PRESENT ON SLIDES 4,6, AND 7.			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257	TRT#: 19	SEX: Male	DAY ON TEST: 689
	DOSE: 10 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036416

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
		Mineralization	Mild
Note: ADENOMA	TGLs = 4-7		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258

TRT#: 19

SEX: Male

DAY ON TEST: 520

DOSE: 10 MG/KG

DISP: Moribund Sacrifice

HISTO: A85033775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Brain		Compression	
Note: COMPRESSION	TGLs = 6-1		
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Granuloma	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-6		
Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL	TGLs = 2-21		
Note: THE MESOTHELIOMA ALSO IS PRESENT ON SLIDE NUMBER 7.			
Nose	Nerve	Hypertrophy	Marked
Note: THE FACIAL NERVE.			
Note: THE HYPERTROPHY APPEARS TO INVOLVE THE SCHWANN CELLS OF			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Nervosa	Neoplasm Nos	
Note: THE NEOPLASM HAS FEATURES OF A PITUICYTOMA.			
Note: NEOPLASM NOS	TGLs = 5-1		
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258	TRT#: 19	SEX: Male	DAY ON TEST: 520
	DOSE: 10 MG/KG	DISP: Moribund Sacrifice	HISTO: A85033775

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Congestion	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-6			
Stomach	Glandular	Ulcer	Moderate
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	
Tooth		Developmental Malformation	
Note: DEVELOP MALFOR TGLs = 1-22			
Note: THE DEVELOPMENTAL MALFORMATION IS A FRACTURE.			

PRIMARY CAUSE OF DEATH -

Animal Note: MUCUS PLUG IN URINARY BLADDER; NOT CODED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 259

TRT#: 19

SEX: Male

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tongue	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
Note: NEPHROPATHY TGLs = 3-5			
Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
		Hyperplasia	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259	TRT#: 19	SEX: Male	DAY ON TEST: 733
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036417

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260

TRT#: 19

SEX: Male

DAY ON TEST: 733

DOSE: 10 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036418

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Moderate
		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Moderate
[Adenoma TGLS = 3-1]			
Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Prostate		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260	TRT#: 19	SEX: Male	DAY ON TEST: 733
	DOSE: 10 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036418

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 2-7	Mineralization	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 590

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85034307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Intestine Large	Rectum	Inflammation	Chronic, Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Note: CLEAR CL FOCUS TGLs = 4-6			
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Mesentery	Fat	Inflammation	Chronic Active, Moderate
Note: INFLAMMATION IS PRESENT ON SLIDE NUMBER 7.			
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Reticulum Cell, Mild
Stomach	Forestomach	Edema	Mild
	Glandular	Erosion	Minimal
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	
Uterus		Sarcoma Stromal	
Note: SARC STROMAL TGLs = 2-21			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Mild
[Adenoma TGLS = 3-1]			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Brain		Compression	
[Compression TGLS = 2-1]			
Heart		Cardiomyopathy	Minimal
	Myocardium	Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
		Hyperplasia	Lobular, Mild
Note: FIBROADENOMA	TGLs = 1-21		
Nose		Exudate	
Pancreas		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035987

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Adenoma	
	Cortex	Angiectasis	Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-21		
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 2-22		
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	
Bone	Calvarium	Osteopetrosis	Mild
Note: OSTEOPETROSIS TGLs = 1-21			
Heart	Myocardium	Inflammation	Chronic, Minimal
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 705

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035990

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
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-21		
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Granuloma	Moderate
		Inflammation	Chronic, Minimal
Note: EOSIN FOCUS	TGLs = 4-23		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Inguinal	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-8		
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-22		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 683

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85035991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain		Compression	
[Compression TGLS = 2-1]			
Kidney		Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Chronic Active, Moderate
Note: THE LESION IS ON SLIDE NUMBER 5.			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]			
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Glandular	Mineralization	Minimal
[Mineralization TGLS = 3-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 288	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Nose	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA	TGLs = 1-8		
Pancreas		Atrophy	Moderate
Spleen		Leukemia Mononuclear	
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 596

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85035993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain		Compression	
[Compression TGLS = 4-1]			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lung		Congestion	Moderate
		Inflammation	Chronic, Minimal
[Inflammation TGLS = 2-2]			
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Mild
[Adenoma TGLS = 3-1]			
Spleen		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Ulcer	Moderate
Note: HYPERPLASIA TGLs = 5-21			

PRIMARY CAUSE OF DEATH

-

Animal Note: MENSENTRIC LYMPH NODE ON SLIDE 3 & THYMUS ON SLIDE #5.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 596

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85035993

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035994

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	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Mild
Note: ECTASIA	TGLs = 3-8		
Note: INFLAMMATION	TGLs = 3-8		
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Chronic, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Note: FIBROADENOMA	TGLs = 1-21		
Note: HYPERPLASIA	TGLs = 2-8		
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035994

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-1]

Spleen	Hematopoietic Cell Proliferation	Mild
Uterus	Polyp Stromal	

Note: POLYP STROMAL TGLs = 4-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291	TRT#: 4	SEX: Female	DAY ON TEST: 579
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85034308

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Transit Epithe	Hyperplasia	Minimal
Liver		Basophilic Focus	
	Bile Duct	Granuloma	Minimal
		Hyperplasia	Minimal
Lung		Leukemia Mononuclear	
Mammary Gland		Inflammation	Chronic, Minimal
		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA	TGLs = 1-21		
Note: THE TUMOR IS PRIMARILY FIBROUS.			
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85035995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Cortex	Hyperplasia	Focal, Minimal
Brain		Compression	
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Mild
Liver		Granuloma	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 1-21		
Note: ADENOMA	TGLs = 1-21		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Mild
[Adenoma TGLS = 2-1]			
Spleen		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-21		
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 2-1]			
Spleen		Leukemia Mononuclear	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035997

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Clitoral Gland		Ectasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8,1-8-1			
Pancreas	Duct	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
Skin		Squamous Cell Papilloma	
Note: PAPILOMA SQUA TGLs = 4-23			
Uterus		Hyperplasia	Cystic, Minimal
Vagina		Leiomyoma	
Note: LEIOMYOMA TGLs = 2-21			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Granuloma	Mild
		Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 1-21,2-22			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85035999

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Minimal
	Myocardium	Inflammation	Chronic, Minimal
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Pancreatic	Dilatation	Mild
Note: DILATATION TGLs = 6-23			
Mammary Gland		Hyperplasia	Lobular, Moderate
Note: HYPERPLASIA TGLs = 2-21			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 4-22			
Pancreas		Hyperplasia	Focal, Minimal
Pharynx		Squamous Cell Papilloma	
Note: PAPILOMA SQUA TGLs = 5-9-1			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85035999

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hydrometra Hyperplasia	Mild Cystic, Mild
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Note: HYDROMETRA TGLs = 3-7

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 477

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85033583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Uterus			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
		Mineralization	Mild
		Nephropathy	Mild
Note: HYDRONEPHROSIS TGLs = 4-5,5-5 [Hydronephrosis TGLS = 5-5]			
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Pancreas		Cytoplasmic Alteration	Marked
Note: CYTOPLAS. ALTER. CONSISTS OF DEPLETION OF ZYMOGEN GRAN.			
Pituitary Gland	Pars Distalis	Cyst	
Urethra		Inflammation	Chronic, Marked
		Necrosis	Marked
Note: INFLAMMATION TGLs = 2-21 Note: NECROSIS TGLs = 2-21			
Urinary Bladder	Mucosa	Hyperplasia	Moderate
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 477

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85033583

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 3-8

PRIMARY CAUSE OF DEATH

-

Animal Note: CLITORAL GL. IS ON SLIDE 21

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 444

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85033397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Brain	Meninges	Astrocytoma Malignant	Marked
		Fibrosis	Mild
		Hydrocephalus	
Note: FIBROSIS TGLs = 4-1-1 [Fibrosis TGLS = 3-1-1,5-1-1]			
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY TGLs = 2-5			
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Pancreas		Atrophy	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA	TGLs = 1-21		
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Nervosa	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	
Uterus		Abscess	Moderate
		Hydrometra	Mild
		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036000

ORGAN AND ACCOUNTABLE SITE STATUS

Polyp Stromal

Note: ABSCESS TGLs = 2-7-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036001

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	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-8		
Note: INFLAMMATION	TGLs = 1-8		
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Granuloma	Moderate
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Cyst	
Note: THE CYST IS FILLED WITH KERATIN.			
Note: CYST	TGLs = 2-21		
Pancreas		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Skin		Inflammation	Granulomatous, Marked
Note: INFLAMMATION	TGLs = 1-8		
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036001

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 579

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85034309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Bone Marrow		Hyperplasia	Reticulum Cell, Moderate
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Liver		Basophilic Focus	
		Granuloma	Moderate
		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Marked
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 3-22		
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 2-21		
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036002

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
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tongue	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Adenoma	
		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-8		
Note: ADENOMA	TGLs = 1-8		
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Granuloma	Mild
		Inflammation	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
Note: PIGMENT	TGLs = 3-21		
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 4-22		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-1.1		
Thyroid Gland		Ultimobranchial Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036002

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Bone	Femur	Osteopetrosis	Mild
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
		Pigmentation	Cholesterol, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 1-8,1-21		
Note: FIBROADENOMA	TGLs = 2-21,3-22		
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 5 IS LIVER; NO CORRESPONDING LESION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 684

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Minimal
Note: LEUKEMIA MONUC TGLs = 13-24			
Liver	Centrilobular	Atrophy	Mild
		Basophilic Focus	
		Leukemia Mononuclear	
	Lobules	Necrosis	Mild
Note: LEUKEMIA MONUC TGLs = 8-6			
Lung	Smooth Muscle	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 10-22,11-23			
[Leukemia Mononuclear TGLs = 11-23]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-25,14-25,15-25			
Note: LEUKEMIA MONUC TGLs = 12-5			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304	TRT#: 4	SEX: Female	DAY ON TEST: 684
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85036004

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Hyperplasia	Lobular, Mild
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 3-21		
Ovary		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 9-1]			
Spleen		Leukemia Mononuclear	
		Necrosis	Mild
Note: NECROSIS	TGLs = 7-6-1		
Note: LEUKEMIA MONUC	TGLs = 5-6-1		
Stomach	Glandular	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Note: THE THYMUS IS ON SLIDE NUMBER 2.			
Uterus		Abscess	Moderate
		Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-7		
Note: ABSCESS	TGLs = 16-26		
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Bone	Calvarium	Osteopetrosis	Mild
Note: OSTEOPETROSIS TGLs = 6-23			
Brain		Compression	
Note: CELLULAR STRUCTURES NEAR LAT. VENTRICLE;CONSIDERED EPENDYMA			
Heart		Cardiomyopathy	Moderate
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Note: KIDNEY:DEGEN OF TUBULES BELIEVED CAUSED BY FIXATION ARTIFACT			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Focal, Mild
Note: LEUKEMIA MONUC TGLs = 5-6			
Note: HYPERPLASIA TGLs = 5-6			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-22			
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85036005

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NECROSIS Pituitary Gland	TGLs = 2-21	Pars Distalis Pars Distalis	Adenoma Pigmentation	Moderate
Note: ADENOMA Spleen	TGLs = 7-1		Leukemia Mononuclear	
Note: LEUKEMIA MONUC Thymus Uterus	TGLs = 3-6		Cyst Carcinoma In Situ Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone	Calvarium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
Note: OSTEOPETROSIS TGLs = 4-21			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: HDN TGLs = 3-22			
Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
		Hyperplasia	Cystic, Minimal
Mammary Gland			
Note: HYPERPLASIA TGLs = 1-8			
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Uterus		Cyst	
		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036006

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia

Cystic, Mild

Note: CYST TGLs = 2-7-1

Note: THE CYST IS FILLED WITH KERATIN

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307	TRT#: 4	SEX: Female	DAY ON TEST: 522
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85033800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Kidney		Mineralization	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Moderate
Note: HYPERPLASIA TGLs = 2-22			
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-21			
Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 589

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85034310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Marked
Note: DEGEN TGLs = 1-5		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Note: CLEAR CL FOCUS TGLs = 2-21.1			
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Glands	Hyperplasia	Moderate
	Glands	Necrosis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Duct	Dilatation	Mild
Stomach	Forestomach	Edema	Minimal
	Forestomach	Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 620

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Vagina

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hypercellularity	Marked
Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Mild
		Hematopoietic Cell Proliferation	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-6		
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Sarcoma Stromal	
Note: SARC STROMAL	TGLs = 2-21,2-7-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 669

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85036008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	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	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Clear Cell Focus	
Brain		Carcinoma	Metastatic (Pituitary Gland)
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Moderate
		Edema	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mesenteric	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Note: MAMMARY GL. PRESENT ADJACENT TO THE CLITORAL GLANDS			
Note: HYPERPLASIA TGLs = 1-8			
Pituitary Gland	Pars Distalis	Carcinoma	
	Pars Distalis	Pigmentation	Mild
[Carcinoma TGLS = 4-1]			
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: HYPERPLASIA TGLs = 3-22-1			
Note: POLYP STROMAL TGLs = 2-21-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 669

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85036008

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
Bone	Calvarium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Marked
Note: OSTEOPETROSIS TGLs = 3-21			
Intestine Large	Colon	Parasite Metazoan	
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Granuloma	Mild
		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Infiltration Cellular	Mast Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-8			
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	
Tooth		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036009

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hydrometra

Mild

Hyperplasia

Cystic, Minimal

Note: HYDROMETRA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hematopoietic Cell Proliferation	Minimal
	Cortex	Hyperplasia	Focal, Minimal
Brain		Degeneration	Focal, Mild
		Hydrocephalus	Moderate
		Pigmentation	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
Note: HDN TGLs = 4-22			
Note: LEUKEMIA MONUC TGLs = 5-6			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 312	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85036010

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NECROSIS	TGLs = 2-21		
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-6		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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 - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
Bone Marrow		Hyperplasia	Reticulum Cell, Minimal
Clitoral Gland		Ectasia	Moderate
		Inflammation	Suppurative, Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Minimal
Note: HDN TGLs = 5-23			
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8,2-21			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-22			
Nose		Inflammation	Chronic, Mild
Ovary		Cyst	
Note: CYST TGLs = 4-7			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036011

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 6-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 718

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	
Bone	Calvarium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Mild
Note: OSTEOPETROSIS TGLs = 4-23			
Kidney		Inflammation	Chronic, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
		Inflammation	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: HYPERPLASIA TGLs = 5-24			
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-21			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-22			
Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314	TRT#: 4	SEX: Female	DAY ON TEST: 718
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A85036012

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: MAMMARY GLAND PRESENT ADJACENT TO CLITORAL GLANDS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 640

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Bone Marrow		Hyperplasia	Reticulum Cell, Mild
Brain		Compression	
		Hydrocephalus	Mild
[Compression TGLS = 4-1]			
Kidney		Nephropathy	Mild
Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Note: ADENOMA TGLs = 2-21			
Note: THE ADENOMA IS VERY CYSTIC			
Pancreas		Cytoplasmic Alteration	Marked
Note: CYTOPLASMIC ALTER IS ZYMOGEN GRANULE DEPLETION			
Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 3-1]			
Spleen		Pigmentation	Hemosiderin, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 640

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036013

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Forestomach

Edema

Mild

Forestomach

Inflammation

Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036014

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Mild
Liver		Basophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Note: HYPERPLASIA	TGLs = 2-21		
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Thymus		Cyst	
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85036015

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
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 2-8		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA	TGLs = 1-21		
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-7-1		

PRIMARY CAUSE OF DEATH -

Animal Note: THE ESOPHAGUS IS PRESENT ON SLIDE 2-1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Granuloma	Mild
		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mesenteric	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Mild
Note: HEMORRHAGE	TGLs = 3-3		
[Hemorrhage TGLS = 3-3]			
[Pigmentation TGLS = 4-5]			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA	TGLs = 1-21		
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 2-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036016

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-1

Thymus

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Eye	Retina	Atrophy	Marked
		Cataract	Moderate
Note: CATARACT	TGLs = 1-44		
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Granuloma	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 2-8,3-21		
Note: FIBROADENOMA	TGLs = 3-21		
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 5-22		
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
Spleen		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036017

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 4-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Bone	Femur	Osteopetrosis	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Moderate
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Uterus		Polyp Stromal	

Note: POLYP STROMAL TGLs = 1-7,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321	TRT#: 4	SEX: Female	DAY ON TEST: 213
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: A84031999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland

OBSERVATIONS

Intestine Large	Cecum	Inflammation	Chronic, Mild
	Colon	Inflammation	Chronic, Mild
	Rectum	Inflammation	Chronic, Mild
Liver	Centrilobular	Necrosis	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Cortex	Hyperplasia	Focal, Mild
Bone	Femur	Osteopetrosis	Moderate
Clitoral Gland		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Moderate
		Inflammation	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Mild
[Cyst TGLS = 2-1]			
Uterus		Polyp Stromal	

Note: POLYP STROMAL TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036020

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
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 2-8		
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Pigmentation	Minimal
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Lobular, Minimal
		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA	TGLs = 1-8		
Note: FIBROADENOMA	TGLs = 3-21		
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-22		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Mild
		Inflammation	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Pituitary Gland	Pars Distalis	Adenoma	
Note: THE TUMOR HAS AREAS OF INCREASED ANAPLASIA. [Adenoma TGLS = 5-1]			
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 4-3			
Uterus		Hydrometra	Mild
Note: HYDROMETRA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 616

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036022

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
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Mild
Brain		Hydrocephalus	Mild
		Oligodendroglioma Malignant	
Note: OLIGODENDR MAL	TGLs = 2-1		
Note: HYDROCEPHALUS	TGLs = 1-1		
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas		Atrophy	Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 3-21		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 705

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-22		
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Granuloma	Mild
Lung		Hemorrhage	Mild
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA	TGLs = 1-21		
Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

Animal Note: ONE ADRENAL GLAND IS ON SLIDE NUMBER 7.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 353

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85033398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Liver		Granuloma	Minimal
Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Moderate
Nose		Exudate	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Thymoma Malignant	
Note: THYMOMA MAL	TGLs = 1-21		
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 526

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85034125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 4-1		
Note: LEUKEMIA MONUC	TGLs = 4-1		
Heart		Cardiomyopathy	Minimal
Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mineralization	Mild
Liver		Leukemia Mononuclear	
	Lobules	Necrosis	Mild
Note: LEUKEMIA MONUC	TGLs = 3-6		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-6		
Stomach	Glandular	Erosion	Mild
	Forestomach	Leukemia Mononuclear	
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 526

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A85034125

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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 - Mandibular	Nose	Ovary
Parathyroid Gland	Peripheral Nerve	Pharynx	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 2-21		
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-8		
Pancreas	Acinar Cell	Adenoma	
Note: ADENOMA	TGLs = 4-22		
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hydrometra	Mild
Note: HYDROMETRA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A85036025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Angiectasis	Mild
	Medulla	Hyperplasia	Mild
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-21		
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Cyst	
		Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Mild
Note: ADENOMA	TGLs = 1-21		
Mesentery	Fat	Necrosis	Minimal
Note: NECROSIS	TGLs = 2-22		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
	Pars Distalis	Pigmentation	Mild
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: A85036025

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Mineralization	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 351	TRT#: 10	SEX: Female	DAY ON TEST: 730
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036284

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 352

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Brain		Compression	
	[Compression TGLS = 4-1]		
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Mixed Cell Focus	Moderate
	Note: [MIXED CL FOCUS] TGLs = 5-22		
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
	Note: FIBROADENOMA TGLs = 2-21		
	Note: HYPERPLASIA TGLs = 1-8		
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Mild
	[Adenoma TGLS = 3-1]		
Spleen		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 352

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036285

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353

TRT#: 10

SEX: Female

DAY ON TEST: 712

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hypercellularity	Marked
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-21		
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
Lung	Hepatocyte	Pigmentation	Minimal
	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: HYPERPLASIA	TGLs = 2-2		
Lymph Node	Lymphatic, Mandibular	Dilatation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
Note: DILATATION	TGLs = 4-8		
Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353	TRT#: 10 DOSE: 40 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 712 HISTO: A86036286
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ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-6			
Thyroid Gland	C Cell	Hyperplasia	Mild
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 354

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
Liver		Angiectasis	Mild
		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Pigmentation	Minimal
Note: HDN	TGLs = 4-22		
Note: ALL LESIONS NOTED ARE ON SLIDE 22.			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS	TGLs = 1-21		
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-1		
Thymus		Cyst	
Uterus		Hemorrhage	Moderate
Note: THE HEMORRHAGE HAS UNDERGONE DEGENERATION			
Note: HEMORRHAGE	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 355

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036288

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	Lung	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Pheochromocytoma Benign	
Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Mild
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Minimal
Note: ADENOMA			
TGLs = 1-1			
Thyroid Gland	Follicle	Cyst	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 356

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pharynx	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Reticulum Cell, Mild
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-8			
Kidney	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Moderate
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Minimal
Note: HYPERPLASIA TGLs = 3-6			
Note: LEUKEMIA MONUC TGLs = 3-6			
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Minimal
[Angiectasis TGLs = 4-1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 357

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036290

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 - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Mild
Note: [HYPERPLASIA OF CORTEX ASSOCIATED WITH FATTY DEGENERATION]			
Clitoral Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-8			
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Developmental Malformation	
Note: DEVELOP MALFOR TGLs = 4-22			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-21			
Nose	Olfactory Epi	Pigmentation	Mild
Uterus		Hemangioma	
		Hyperplasia	Cystic, Minimal
Note: HEMANGIOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 731
DOSE: 40 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A86036291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
		Cataract	Moderate
Note: CATARACT TGLs = 1-21			
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Cyst	
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Minimal
Note: CYST TGLs = 4-23			
Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Note: ALV BRON ADEN TGLs = 5-2			
Lymph Node	Mediastinal	Pigmentation	Moderate
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA TGLs = 2-22			
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036291

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Cyst

Spleen

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Moderate

Uterus

Hyperplasia

Cystic, Minimal

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 359

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Moderate
Note: HYPERPLASIA [RUPTURE OF CAPSULE WAS ALSO SEEN IN OTHER ANIMALS BUT WAS NOT DIAGNOSED AS CARCINOMA]			
Kidney	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: DILATATION TGLs = 1-21			
Note: HYPERPLASIA TGLs = 1-21			
Nose	Olfactory Epi	Pigmentation	Mild
Spleen		Leukemia Mononuclear	
Note: THE LEUKEMIA IS IN AN EARLY STAGE.			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 360

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Reticulum Cell, Mild
Kidney	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Granuloma	Moderate
	Hepatocyte	Pigmentation	Minimal
Lung		Inflammation	Chronic, Minimal
Nose		Exudate	
	Olfactory Epi	Pigmentation	Mild
Spleen	Lymph Follic	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: THE LEUKEMIA IS IN AN EARLY STAGE.			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036294

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	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Clear Cell Focus	
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Moderate
[Adenoma TGLS = 2-1]			
Salivary Glands		Atrophy	Mild
Spleen		Pigmentation	Hemosiderin, Moderate
Uterus		Cyst	
		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 361

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036294

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST TGLs = 1-7-1

Note: CYST IS LINED BY SQUAMOUS EPITHELIUM & FILLED WITH KERATIN.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036295

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Developmental Malformation	
	Hepatocyte	Pigmentation	Minimal
Note: DEVELOP MALFOR TGLs = 1-21			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Moderate
Liver		Basophilic Focus	
		Developmental Malformation	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Note: HDN TGLs = 3-21 [Basophilic Focus TGLS = 9-23]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7-2]			
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Ovary		Cyst	
Note: CYST TGLs = 1-7			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363	TRT#: 10	SEX: Female	DAY ON TEST: 731
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036296

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 5-1]			
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal
Thymus		Thymoma Benign	
Note: THYMOMA BGN	TGLs = 6-22		
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364

TRT#: 10

SEX: Female

DAY ON TEST: 715

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A86036297

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	Kidney	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Lobules	Necrosis	Minimal
	Portal	Necrosis	Mild
Lung		Congestion	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Marked
	Mandibular	Hyperplasia	Plasma Cell, Moderate
Note: HEMORRHAGE	TGLs = 2-21		
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Note: CYST	TGLs = 1-1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 365

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Mild
		Hyperplasia	Focal, Moderate
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
Note: HYPERPLASIA TGLs = 3-23			
Note: CLEAR CL FOCUS TGLs = 3-23			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Hemorrhage	Moderate
	Renal	Pigmentation	Moderate
Note: PIGMENT TGLs = 2-22			
Note: HEMORRHAGE TGLs = 2-22			
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
[Cyst TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365	TRT#: 10	SEX: Female	DAY ON TEST: 731
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036298

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymph Follic	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-21			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: THE ESOPHAGUS IS PRESENT ON SLIDE NUMBER 2.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 366

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Angiectasis	Mild
		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Carcinoma	
	Pars Distalis	Pigmentation	Mild
[Carcinoma TGLS = 1-1]			
Spleen		Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 366

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036299

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Pigmentation
Polyp Stromal

Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 367

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
	Bile Duct	Granuloma	Minimal
		Hyperplasia	Minimal
		Hyperplasia	Focal, Marked
Note: HYPERPLASIA	TGLs = 1-21		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Mild
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mandibular	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Stomach	Glandular, Mucosa	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-22		
Trachea		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 368

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036301

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
Eye	Retina	Atrophy	Moderate
		Cataract	Mild
	Cornea	Mineralization	Minimal
Note: CATARACT TGLs = 1-21			
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Minimal
Note: THE PIGMENT IS GREENISH-BROWN IN COLOR.			
Note: LEUKEMIA MONUC TGLs = 3-6			
Mammary Gland		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-8-1			
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Ovary		Cyst	
Salivary Glands		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 368

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036301

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036302

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	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Hyperplasia	Minimal
Brain		Compression	
		Hydrocephalus	Mild
	[Hydrocephalus TGLS = 3-1]		
Heart		Cardiomyopathy	Mild
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Moderate
	Note: NEPHROPATHY TGLs = 1-5,1-5-1		
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hemorrhage	Moderate
	Mandibular	Pigmentation	Moderate
	Note: PIGMENT TGLs = 4-21		
	Note: HEMORRHAGE TGLs = 4-21		
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369	TRT#: 10	SEX: Female	DAY ON TEST: 731
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036302

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 2-1]		Pigmentation	Mild
Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370

TRT#: 10

SEX: Female

DAY ON TEST: 570

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Intestine Large	Rectum	Edema	Mild
Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Moderate
		Nephropathy	Minimal
Note: HYDRONEPHROSIS TGLs = 4-5			
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Urinary Bladder		Hemorrhage	Minimal
		Inflammation	Subacute, Minimal
Note: HEMORRHAGE TGLs = 2-8-1			
Note: INFLAMMATION TGLs = 2-8-1			
Uterus	Myometrium	Hyperplasia	Moderate
Vagina		Carcinoma	
		Polyp	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 370

TRT#: 10

SEX: Female

DAY ON TEST: 570

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034306

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA TGLs = 3-21,6-22

Note: THE POLYP IS PRESENT ON SLIDE #7.

PRIMARY CAUSE OF DEATH

-

Animal Note: VESSEL ON SLIDE #2; NOT CODED.

Animal Note: A PORTION OF THE VAGINAL CARCINOMA IS PRESENT WITHIN A BLOOD

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 371

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036303

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

Urinary Bladder

Inflammation

Subacute, Mild

Note: INFLAMMATION TGLs = 1-8

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 372

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036304

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	Mammary Gland
Ovary	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
Clitoral Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 1-8.1		
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Lymphatic, Mesenteric	Dilatation	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Dilatation	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 373

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036305

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
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Granuloma	Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
	Hepatocyte	Pigmentation	Minimal
Note: HDN	TGLs = 2-21		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Bronchial	Hemorrhage	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
	Bronchial	Pigmentation	Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:11

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 373

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036305

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Hyperplasia

Mild

[Angiectasis TGLS = 3-1.1]

[Hyperplasia TGLS = 3-1]

Uterus

Hydrometra

Mild

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
		Cataract	Mild
	Sclera	Mineralization	Moderate
Note: CATARACT	TGLs = 1-44		
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Note: THE PIGMENT IS GOLDEN-BROWN TO DARK BROWN.			
Note: THE PIGMENT IS COARSELY GRANULAR.			
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
	Hepatocyte	Pigmentation	Minimal
Note: THE PIGMENT IS DARK BROWN AND FINELY GRANULAR.			
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Moderate
Note: THE PIGMENT IS GOLDEN BROWN TO DARK BROWN.			
Note: THE PIGMENT IS FINELY TO COARSELY GRANULAR.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374	TRT#: 10	SEX: Female	DAY ON TEST: 731
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036306

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PIGMENT OCCURS IN APICAL & BASILAR PORTIONS OF OLFACTORY EPI

Ovary			Cyst	
Note: CYST	TGLs = 2-7			
Spleen			Congestion	Minimal
Thyroid Gland		C Cell	Hyperplasia	Mild
		Follicular Cel	Hyperplasia	Minimal
Uterus			Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:11
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Granuloma	Minimal
		Hepatodiaphragmatic Nodule	
Note: HDN	TGLs = 1-21		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi	Pigmentation	Mild
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hypertrophy	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN TGLs = 1-10			
Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Minimal
Note: SOME OF THE CELLS OF THE ADENOMA ARE HIGHLY PLEOMORPHIC.			
Spleen		Congestion	Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036309

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	Lymph Node - Mesenteric
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Angiectasis	Moderate
	Cortex	Hypertrophy	Focal, Mild
Note: [HYPERTROPHY: ASSOCIATED WITH FATTY DEGENERATION]			
Brain		Compression	
		Hydrocephalus	Minimal
[Compression TGLS = 7-1]			
Eye	Retina	Atrophy	Moderate
		Cataract	Mild
Note: CATARACT TGLs = 1-21			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Developmental Malformation	
		Granuloma	Mild
Note: DEVELOP MALFOR TGLs = 8-25			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Pancreatic	Infiltration Cellular	Histiocyte, Moderate
Note: HYPERPLASIA TGLs = 3-22			
Note: INFILTRAT CELL TGLs = 9-26			
Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377	TRT#: 10 DOSE: 40 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A86036309
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 2-8,4-23 Note: FIBROADENOMA TGLs = 4-23 Note: CARCINOMA TGLs = 5-24		Fibroadenoma Hyperplasia	Cystic, Marked
Nose Pancreas Pituitary Gland [Adenoma TGLS = 6-1] Spleen Thyroid Gland	Olfactory Epi Pars Distalis C Cell	Pigmentation Inflammation Adenoma Hematopoietic Cell Proliferation Adenoma	Moderate Chronic, Minimal Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 378

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036310

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
Note: HDN TGLs = 4-22			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Note: THE CHRONIC INFLAMMATION IS FOCI OF LYMPHOCYTES AROUND SMALL			
Note: BLOOD VESSELS.			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Mild
Note: PIGMENT TGLs = 7-23			
Note: HYPERPLASIA TGLs = 7-23			
Note: HYPERPLASIA TGLs = 7-23			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 3-21			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 378

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036310

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 2-8-1

Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
Spleen		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: MILD CELLULAR INFILTRATION AT BASE OF BRAIN; POSSIBLE EARLY

Animal Note: INVOLVEMENT WITH PITUITARY TUMOR; NOT CODED.

Animal Note: THE THYMUS IS PRESENT ON SLIDE NUMBER 23.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 3-8			
Heart		Cardiomyopathy	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Lobular, Minimal
		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Adenoma TGLS = 2-1]			
Skin		Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-21-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036311

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Ear	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
	Myocardium	Inflammation	Chronic, Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 1-21		
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Adenoma TGLS = 2-1]			
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 380

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036312

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 381 TRT#: 10 SEX: Female DAY ON TEST: 731
DOSE: 40 MG/KG DISP: Terminal Sacrifice HISTO: A86036313

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Skin		Inflammation	Chronic, Mild
Note: THE INFLAMMATION IS ADJACENT TO THE SALIVARY GLAND DUCTS.			
Note: THE INFLAMMATION IS PRESENT ON SLIDE NUMBER 8.			
Uterus		Hydrometra	Moderate
Note: HYDROMETRA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 382

TRT#: 10

SEX: Female

DAY ON TEST: 628

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Mild
[Hydrocephalus TGLS = 5-1]			
Clitoral Gland		Inflammation	Suppurative, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney	Renal Tubule	Atrophy	Marked
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Marked
Note: NEPHROPATHY TGLs = 3-5			
Note: ATROPHY TGLs = 2-21			
Liver		Basophilic Focus	
		Granuloma	Minimal
		Inflammation	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 382	TRT#: 10	SEX: Female	DAY ON TEST: 628
	DOSE: 40 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036314

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 4-1	Pars Distalis	Cyst	
Spleen			Pigmentation	Hemosiderin, Moderate
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 383

TRT#: 10

SEX: Female

DAY ON TEST: 723

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Ovary	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hypercellularity	Moderate
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-21		
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Olfactory Epi	Pigmentation	Moderate
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Salivary Glands		Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 10

SEX: Female

DAY ON TEST: 723

DOSE: 40 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036315

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Cyst

Note: CYST TGLs = 2-7

Note: THE CYST CONTAINS KERATIN AND EXUDATE.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 384

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Note: [TGLs=4-21:NO CORRESPONDING LESION]			
Clitoral Gland		Adenoma	
		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 2-8			
Note: ADENOMA TGLs = 2-8			
Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Granuloma	Mild
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Nose	Olfactory Epi	Pigmentation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 384

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036316

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE ADENOMA CONTAINS AREAS OF INCREASED PLEOMORPHISM.

Uterus

Hydrometra

Moderate

Note: HYDROMETRA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 385

TRT#: 10

SEX: Female

DAY ON TEST: 517

DOSE: 40 MG/KG

DISP: Natural Death

HISTO: A85033779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Bone	Femur	Osteopetrosis	Mild
Bone Marrow		Lymphoma Malignant Lymphocytic	
Clitoral Gland		Lymphoma Malignant Lymphocytic	
Liver		Basophilic Focus	
		Lymphoma Malignant Lymphocytic	
	Centrilobular	Necrosis	Minimal
	Hepatocyte	Pigmentation	Minimal
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 1-5,1-5-1		
Note: LYMPH MAL LYMP	TGLs = 7-23		
Note: LYMPH MAL LYMP	TGLs = 2-21		
Note: LYMPH MAL LYMP	TGLs = 9-3		
	[Lymphoma Malignant Lymphocytic TGLS = 8-24]		
Mammary Gland		Hyperplasia	Cystic, Minimal
		Lymphoma Malignant Lymphocytic	
Nose		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 385	TRT#: 10 DOSE: 40 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 517 HISTO: A85033779
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ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Olfactory Epi	Pigmentation	Minimal
Pancreas		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-22		Lymphoma Malignant Lymphocytic	
Pituitary Gland		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-6			
Stomach	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	C Cell	Adenoma	
Uterus		Abscess	Moderate
		Hydrometra	Marked
		Lymphoma Malignant Lymphocytic	
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-7			
Note: HYDROMETRA TGLs = 3-7-1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 386

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Cyst	
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Exudate	
	Mucosa	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 387

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hyperplasia	Reticulum Cell, Moderate
Clitoral Gland		Inflammation	Chronic, Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Pigmentation	Moderate
Nose		Developmental Malformation	
		Exudate	
	Olfactory Epi	Pigmentation	Moderate
Note: THE DEVELOP MALFOR IS CYSTIC AREA LINED BY RESPIRAT EPITH			
Note: AND CONTAINING BODIES RESEMBLING ENLARGED HAIR SHAFTS.			
Spleen		Leukemia Mononuclear	
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036319

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-8		
Note: INFLAMMATION	TGLs = 1-8		
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Moderate
		Inflammation	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Mild
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036320

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
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Chronic, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Granuloma	Minimal
		Hepatocellular Adenoma	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lymphatic, Mandibular	Dilatation	Mild
	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Intermed	Adenoma	
Note: ADENOMA	TGLs = 2-1		
Uterus		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036321

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
Lung	Lymph Node - Mesenteric	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Chronic, Minimal
		Nephropathy	Minimal
Liver	Renal Tubule	Pigmentation	Mild
		Basophilic Focus	
		Granuloma	Minimal
		Inflammation	Chronic, Minimal
		Pigmentation	Minimal
Lymph Node	Hepatocyte	Pigmentation	Minimal
Nose	Mandibular	Hyperplasia	Lymphoid, Moderate
Pancreas	Olfactory Epi	Pigmentation	Mild
		Atrophy	Mild
Pituitary Gland		Inflammation	Chronic, Mild
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036322

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 1-8			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-21			
Nose	Olfactory Epi	Pigmentation	Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Adenoma TGLS = 6-1]			
Uterus		Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal
		Polyp Stromal	
Note: POLYP STROMAL TGLs = 5-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036322

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 4-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Clear Cell Focus	
Intestine Small	Ileum	Inflammation	Chronic, Mild
	Jejunum	Inflammation	Chronic, Moderate
	Jejunum	Necrosis	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Pigmentation	Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Exudate	
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 393

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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 - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Note: [HYPERPLASIA: ASSOCIATED WITH FATTY DEGENERATION-10,10.1]			
Note: [HYPERTROPHY:ASSOCIATED WITH FATTY DEGENERATION-10.1]			
Brain		Hydrocephalus	Mild
Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Note: THE PIGMENTATION REFERRED TO IS THAT WHICH IS BEYOND NORMAL			
Note: SEEN IN RATS AT THIS AGE.			
Liver		Basophilic Focus	
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA TGLs = 1-21			
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393	TRT#: 10	SEX: Female	DAY ON TEST: 731
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036324

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 5-1	Pars Distalis	Pigmentation	Mild
Spleen			Leukemia Mononuclear	
Thymus			Cyst	
Uterus			Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-7-1			

PRIMARY CAUSE OF DEATH

-

Animal Note: THE VAGINA IS PRESENT ON SLIDE #8.

Animal Note: THE LEUKEMIA IS IN AN EARLY STAGE.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 394

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036325

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Trachea		

MISSING

Urinary Bladder

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
		Cataract	Mild
	Sclera	Mineralization	Minimal
Note: CATARACT	TGLs = 1-44		
Heart		Cardiomyopathy	Moderate
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lung		Thrombosis	Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 2-21		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hamartoma	
Note: HAMARTOMA IS FOCUS OF VACUOLATED CELLS WITH ECCENTRIC NUCLEI			
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal
	Forestomach	Inflammation	Chronic Active, Mild
Note: INFLAMMATION	TGLs = 5-22		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 394

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036325

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 5-22

Thyroid Gland C Cell

Uterus Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 3-7,4-7

Hyperplasia Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 395

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036326

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	Lymph Node - Mesenteric	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Granuloma	Mild
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA	TGLs = 2-21		
Note: HYPERPLASIA	TGLs = 1-8		
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Uterus		Abscess	Moderate
		Hydrometra	Mild
		Polyp Stromal	
Note: HYDROMETRA	TGLs = 6-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036326

ORGAN AND ACCOUNTABLE SITE STATUS

Note: POLYP STROMAL TGLs = 4-7,5-7-1

Note: ABSCESS TGLs = 3-7,3-7-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 396

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036327

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Minimal
[Adenoma TGLS = 1-1]			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 397

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036328

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	Lymph Node - Mesenteric	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Pigmentation	Minimal
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA			
TGLs = 2-8			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS			
TGLs = 3-21			
Nose	Olfactory Epi	Pigmentation	Minimal
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 4-1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Tooth		Developmental Malformation	
Note: DEVELOP MALFOR			
TGLs = 1-9			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 398

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036329

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Eye	Retina	Atrophy	Marked
		Cataract	Marked
	Cornea	Inflammation	Chronic Active, Minimal
Note: CATARACT	TGLs = 1-21		
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Pigmentation	Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Lobular, Moderate
Note: FIBROADENOMA	TGLs = 2-22		
Note: HYPERPLASIA	TGLs = 2-22		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 398	TRT#: 10	SEX: Female	DAY ON TEST: 731
	DOSE: 40 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036329

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Exudate	
		Inflammation	Chronic, Moderate
	Olfactory Epi	Pigmentation	Moderate
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
Spleen		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 399

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036330

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
		Cataract	Mild
Note: CATARACT	TGLs = 1-21		
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Minimal
Pituitary Gland	Pars Intermed	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Vagina

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Moderate
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Necrosis	Moderate
Note: HEMORRHAGE TGLs = 10-1 [Hemorrhage TGLS = 10-1]			
Clitoral Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
Eye	Retina	Atrophy	Moderate
		Cataract	Mild
Note: CATARACT TGLs = 1-44			
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400 **TRT#:** 10 **SEX:** Female **DAY ON TEST:** 731
DOSE: 40 MG/KG **DISP:** Terminal Sacrifice **HISTO:** A86036331

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 7-6		
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-21		
Note: LEUKEMIA MONUC	TGLs = 8-5		
Note: LEUKEMIA MONUC	TGLs = 11-8		
Note: LEUKEMIA MONUC	TGLs = 6-23		
Note: LEUKEMIA MONUC	TGLs = 9-24		
Mesentery		Necrosis	Marked
Note: NECROSIS	TGLs = 5-22		
Note: THE NECROSIS DOES NOT INVOLVE THE FAT.			
Nose		Exudate	
		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Pancreas		Atrophy	Moderate
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-6		
Stomach	Forestomach	Edema	Moderate
	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Note: ULCER	TGLs = 12-25		
Note: HYPERPLASIA	TGLs = 12-25		
Note: EDEMA	TGLs = 12-25		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 400

TRT#: 10

SEX: Female

DAY ON TEST: 731

DOSE: 40 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036331

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Note: THE THYMUS IS ON SLIDE #24.

Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 421	TRT#: 16	SEX: Female	DAY ON TEST: 330
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A85033501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Nose	Pituitary Gland	Uterus
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Fibrosarcoma	Metastatic (Skin)
Note: FIBROSARC	TGLs = 1-21		
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 2-22		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 422	TRT#: 16 DOSE: 20 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 667 HISTO: A86036429
OBSERVATIONS			
Adrenal Gland	Cortex Cortex Medulla Cortex Medulla	Accessory Adrenal Cortical Nodule Angiectasis Hyperplasia Leukemia Mononuclear Leukemia Mononuclear	Mild Moderate
	Note: ANGIECTASIS TGLs = 4-10 Note: LEUKEMIA MONUC TGLs = 4-10		
Kidney		Leukemia Mononuclear Nephropathy	Minimal
Liver	Renal Tubule Centrilobular Lobules	Pigmentation Atrophy Hyperplasia Leukemia Mononuclear Necrosis	Minimal Mild Focal, Moderate Mild
	Note: HYPERPLASIA TGLs = 3-6 Note: LEUKEMIA MONUC TGLs = 3-6		
Lymph Node	Mesenteric	Leukemia Mononuclear	
	Note: LEUKEMIA MONUC TGLs = 5-5		
Mammary Gland		Hyperplasia	Cystic, Mild
	Note: HYPERPLASIA TGLs = 1-8		
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Pigmentation	Minimal
	Note: PIGMENT IS WITHIN PHAGOCYTIC CELLS IN CYST. [Cyst TGLS = 6-1]		
Spleen		Leukemia Mononuclear	
	Note: LEUKEMIA MONUC TGLs = 2-6		
Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 423	TRT#: 16	SEX: Female	DAY ON TEST: 345
	DOSE: 20 MG/KG	DISP: Natural Death	HISTO: A85033502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Pituitary Gland	Uterus
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Marked
Note: LEUKEMIA MONUC	TGLs = 3-6		
Note: LEUKEMIA MONUC	TGLs = 3-6		
Note: NECROSIS	TGLs = 3-6		
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-1		
Kidney		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-6		
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
Note: LEUKEMIA MONUC	TGLs = 1-6		
Note: NECROSIS	TGLs = 2-21		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 424

TRT#: 16

SEX: Female

DAY ON TEST: 687

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: HDN	TGLs = 5-22		
Mammary Gland		Fibroadenoma	
		Hyperplasia	Lobular, Mild
		Hyperplasia	Cystic, Minimal
Note: FIBROADENOMA	TGLs = 2-21,2-21-1		
	[Hyperplasia TGLS = 1-8]		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Intermed	Cyst	
	Pars Distalis	Pigmentation	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-6		
	[Leukemia Mononuclear TGLS = 4-6]		
Uterus		Hemorrhage	Moderate
		Polyp Stromal	
Note: THE HEMORRH. IS PARTIALLY ORGANIZED			
Note: POLYP STROMAL	TGLs = 3-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 425

TRT#: 16

SEX: Female

DAY ON TEST: 625

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Uterus

OBSERVATIONS

Kidney	Renal Tubule	Pigmentation	Moderate
[Pigmentation TGLS = 2-5]			
Liver	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Mild
	Lobules	Leukemia Mononuclear	
	Kupffer Cell	Necrosis	Minimal
Note: HYPERPLASIA TGLs = 3-6		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 3-6]			
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-2			
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
Note: ANGIECTASIS TGLs = 5-1			
Note: CYST TGLs = 5-1			
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 1-6-1]			
[Leukemia Mononuclear TGLS = 1-6-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 426	TRT#: 16 DOSE: 20 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: A86036432
OBSERVATIONS			
Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Pigmentation	Minimal
Nose		Inflammation	Chronic, Moderate
	Olfactory Epi	Pigmentation	Minimal
Ovary		Granulosa Cell Tumor Malignant	
Note: GRANLSA TM MAL TGLs = 1-7			
Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Mild
Note: PIGMENT IS WITHIN PHAGOCYTIC CELLS ASSOC. WITH ANGIECTASIS.			
Note: PIGMENT RESEMBLES HEMOSIDERIN			
Note: ANGIECTASIS TGLs = 2-1			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 427

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Lymph Node - Mesenteric

Thyroid Gland

OBSERVATIONS

Adrenal Gland

Cortex

Angiectasis

Mild

Cortex

Hyperplasia

Focal, Mild

Kidney

Inflammation

Chronic, Mild

Mineralization

Minimal

Nephropathy

Mild

Renal Tubule

Pigmentation

Minimal

Liver

Basophilic Focus

Granuloma

Mild

Hepatodiaphragmatic Nodule

Inflammation

Chronic, Minimal

Note: HDN TGLs = 3-23

Mesentery

Fat

Necrosis

Mild

Note: NECROSIS TGLs = 1-21

Nose

Olfactory Epi

Pigmentation

Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 2 IS A PORTION OF MESENTERIC LYMPH NODE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 428	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-21]			
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Pigmentation	Marked
[Hyperplasia TGLS = 3-3]			
[Pigmentation TGLS = 3-3]			
Mammary Gland		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			
Nose		Inflammation	Chronic, Moderate
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 429

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Uterus

OBSERVATIONS

Adrenal Gland

Cortex

Angiectasis

Mild

Cortex

Hyperplasia

Focal, Mild

Kidney

Inflammation

Chronic, Mild

Nephropathy

Mild

Renal Tubule

Pigmentation

Mild

Liver

Basophilic Focus

Granuloma

Mild

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Pigmentation

Minimal

Nose

Inflammation

Chronic, Moderate

Mucosa

Metaplasia

Squamous, Mild

Olfactory Epi

Pigmentation

Mild

Note: INFLAMM. IS IN RESP. EPITH. & ASSOC. LAMINA PROPRIA

Pituitary Gland

Pars Distalis

Cyst

[Cyst TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 430

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Liver

OBSERVATIONS

Adrenal Gland

Cortex

Clear Cell Focus

Kidney

Mineralization

Minimal

Nephropathy

Mild

Nose

Exudate

Foreign Body

Mild

Mucosa

Hyperplasia

Mild

Inflammation

Chronic, Moderate

Mucosa

Metaplasia

Squamous, Mild

Olfactory Epi

Pigmentation

Minimal

Ovary

Cyst

[Cyst TGLS = 1-7]

Pituitary Gland

Pars Distalis

Cyst

Pars Distalis

Hyperplasia

Mild

Pars Distalis

Pigmentation

Minimal

Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 431	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone	Calvarium	Osteopetrosis	Mild
Note: OSTEOPETROSIS	TGLs = 2-22		
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Hepatocyte	Pigmentation	Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 1-21		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 432

TRT#: 16

SEX: Female

DAY ON TEST: 541

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A85034318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Pituitary Gland

Uterus

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Mild

Note: [ASSOCIATED WITH FATTY DEGENERATION]

Kidney

Nephropathy

Mild

Liver

Basophilic Focus

Hepatocyte

Pigmentation

Minimal

Hepatocyte

Vacuolization Cytoplasmic

Mild

Note: PIGMENT APPEARS AS FINE GOLDEN BROWN GRANULES WITHIN

Note: SCATTERED RANDOMLY THROUGHOUT THE PARENCHYMA

Note: THE AFFECTED HEPATOCYTES OCCUR USUALLY IN CLUSTERS

Note: THE HEPATOCELLULAR CYTOPLASM

Nose

Exudate

Foreign Body

Mild

Fungus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 433

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary

OBSERVATIONS

Adrenal Gland

Cortex

Angiectasis

Mild

Medulla

Hyperplasia

Minimal

Medulla

Pheochromocytoma Benign

Note: ANGIECTASIS TGLs = 4-21,4-21-1

Brain

Compression

[Compression TGLS = 7-1]

Kidney

Inflammation

Suppurative, Minimal

Inflammation

Chronic, Moderate

Nephropathy

Marked

Pigmentation

Mild

Renal Tubule

Note: NEPHROPATHY TGLs = 3-5

Liver

Basophilic Focus

Granuloma

Moderate

Leukemia Mononuclear

Vacuolization Cytoplasmic

Mild

Hepatocyte

[Leukemia Mononuclear TGLS = 5-6]

Mammary Gland

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-8]

Nose

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 6-1]

Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 434

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Uterus

OBSERVATIONS

Adrenal Gland

Cortex

Angiectasis

Minimal

Cortex

Degeneration

Fatty, Moderate

Kidney

Inflammation

Chronic, Moderate

Nephropathy

Moderate

Renal Tubule

Pigmentation

Mild

Note: INFLAMMATION TGLs = 1-5

Note: NEPHROPATHY TGLs = 1-5

Liver

Angiectasis

Mild

Basophilic Focus

Hyperplasia

Focal, Mild

Inflammation

Chronic, Minimal

Hepatocyte

Pigmentation

Minimal

[Hyperplasia TGLs = 2-21]

Lung

Alveolar Epith

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Mild

Inflammation

Chronic, Minimal

Note: HYPERPLASIA TGLs = 3-22

Nose

Olfactory Epi

Pigmentation

Mild

Pituitary Gland

Pars Distalis

Cyst

Skin

Hemorrhage

Mild

Note: HEMORRHAGE TGLs = 4-23

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 435

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: HDN	TGLs = 4-22		
	[Basophilic Focus TGLS = 5-6]		
	[Leukemia Mononuclear TGLS = 5-6]		
Lung		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
Note: INFLAMMATION	TGLs = 7-2,7-25		
Note: LEUKEMIA MONUC	TGLs = 7-2,7-25		
Lymph Node	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Moderate
Note: LEUKEMIA MONUC	TGLs = 6-23		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 2-21]		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-6]		
Uterus		Polyp Stromal	
	[Polyp Stromal TGLS = 1-24]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 436

TRT#: 16

SEX: Female

DAY ON TEST: 647

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Uterus

OBSERVATIONS

Adrenal Gland

Cortex

Accessory Adrenal Cortical Nodule

Brain

Compression

Hydrocephalus

Mild

[Compression TGLS = 5-1]

Eye

Retina

Atrophy

Marked

Cataract

Marked

Note: PROTEINACEOUS SECRETION, ANT. CHAMBER--NOT CODED

Note: CATARACT TGLs = 1-21

Kidney

Mineralization

Minimal

Nephropathy

Mild

Pigmentation

Mild

Liver

Renal Tubule

Basophilic Focus

Bile Duct

Hyperplasia

Minimal

Note: BASOPH FOCUS TGLs = 3-22

Mammary Gland

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-8

Nose

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 4-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 437	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Uterus
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 438

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036443

OBSERVATIONS

Adrenal Gland

Cortex

Accessory Adrenal Cortical Nodule

Cortex

Angiectasis

Minimal

Medulla

Pheochromocytoma Benign

Multiple

Kidney

Inflammation

Chronic, Mild

Nephropathy

Moderate

Renal Tubule

Pigmentation

Minimal

Liver

Basophilic Focus

Bile Duct

Hyperplasia

Minimal

Mixed Cell Focus

Marked

Note: [MIXED CL FOCUS] TGLs = 3-22

Nose

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Cyst

Pars Distalis

Pigmentation

Minimal

Skin

Subcut Tiss

Fibroma

Note: FIBROMA TGLs = 4-23

Uterus

Hemorrhage

Moderate

Polyp Stromal

Note: POLYP STROMAL TGLs = 2-24

Note: HEMORRHAGE TGLs = 1-21

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 439

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Ovary

Uterus

OBSERVATIONS

Adrenal Gland

Cortex

Accessory Adrenal Cortical Nodule

Cortex

Angiectasis

Mild

Cortex

Hypertrophy

Focal, Mild

Eye

Retina

Atrophy

Moderate

Cataract

Moderate

Note: CATARACT TGLs = 1-21

Kidney

Mineralization

Mild

Nephropathy

Minimal

Pigmentation

Minimal

Liver

Renal Tubule

Basophilic Focus

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Pigmentation

Minimal

Nose

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Moderate

Pars Intermed

Angiectasis

Mild

Pars Distalis

Pigmentation

Mild

[Adenoma TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 440	TRT#: 16	SEX: Female	DAY ON TEST: 689
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A86036445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Mild
Note: HDN	TGLs = 2-21		
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Moderate
Note: LEUKEMIA MONUC	TGLs = 1-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 441	TRT#: 16	SEX: Female	DAY ON TEST: 673
	DOSE: 20 MG/KG	DISP: Natural Death	HISTO: A86036446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	Multiple
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Developmental Malformation	
Note: NO CELLULAR CHANGE APPARENT IN TGL 4			
Note: TGL 4 IS A PROTRUSION OF NORMAL APPEARING HEPATOCYTES			
[Basophilic Focus TGLS = 4-21]			
Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Marked
[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]			
[Congestion TGLS = 2-2]			
Mammary Gland		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-8]			
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Minimal
	Pars Intermed	Adenoma	
Pituitary Gland			
[Adenoma TGLS = 3-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 442	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Clitoral Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
		Hypertrophy	Focal, Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Note: HDN	TGLs = 3-22		
	[Hepatodiaphragmatic Nodule TGLS = 2-21]		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 443

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland

Cortex

Angiectasis

Minimal

Kidney

Mineralization

Mild

Nephropathy

Minimal

Renal Tubule

Pigmentation

Mild

Liver

Basophilic Focus

Granuloma

Minimal

Bile Duct

Hyperplasia

Minimal

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-21]

Nose

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Cyst

Note: CELLS OF ADENOMA ARE LARGE & PLEOMORPHIC;

Note: SUGGESTIVE OF CARCINOMATOUS TRANSFORMATION

Uterus

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 444	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Ectasia	Mild
Note: ECTASIA	TGLs = 2-8		
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Granuloma	Moderate
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-21		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 445	TRT#: 16 DOSE: 20 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: A86036450
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-8		
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
[Cyst TGLS = 2-1]			
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 446

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036451

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 5-5			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Nose	Olfactory Epi	Pigmentation	Mild
Ovary		Granulosa Cell Tumor Malignant	
[Granulosa Cell Tumor Malignant TGLS = 2-22]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 447

TRT#: 16

SEX: Female

DAY ON TEST: 718

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney	Renal Tubule	Dilatation	Moderate
		Inflammation	Chronic, Mild
Liver	Renal Tubule	Mineralization	Mild
		Nephropathy	Moderate
		Pigmentation	Mild
		Basophilic Focus	
		Bile Duct	Hyperplasia
Nose	Hepatocyte	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Minimal
Uterus		Angiectasis	Moderate
		Hemorrhage	Marked
		Hyperplasia	Cystic, Minimal
		Necrosis	Marked
		Polyp Stromal	

Note: ANGIECTASIS TGLs = 1-7

Note: NECROSIS TGLs = 1-7

Note: HEMORRHAGE TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 448	TRT#: 16	SEX: Female	DAY ON TEST: 589
	DOSE: 20 MG/KG	DISP: Moribund Sacrifice	HISTO: A85034319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Bone	Calvarium	Osteopetrosis	Moderate
Note: OSTEOPETROSIS TGLs = 2-21			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-8			
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: THE ADENOMA CONTAINS NUMEROUS BLOOD LAKES			
Note: ADENOMA TGLs = 3-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 449

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Mild
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 1-8		
Note: HYPERPLASIA	TGLs = 1-8		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 3-21		
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS	TGLs = 4-22		
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Mild
	Pars Intermed	Pigmentation	Mild
[Adenoma TGLS = 5-1]			
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA	TGLs = 2-3		
Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 450	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Hyperplasia	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Cyst	
	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 451 TRT#: 16 SEX: Female DAY ON TEST: 736
DOSE: 20 MG/KG DISP: Terminal Sacrifice HISTO: A86036455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

MISSING

Lymph Node

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Inflammation	Chronic, Marked
		Mineralization	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Angiectasis	Mild
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Note: ANGIECTASIS	TGLs = 5-23		
Note: ARTIFACTIOUS BLUE-GRAY FIBRILLAR MATERIAL IN SINUSOIDS			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 2-22		
Note: FIBROADENOMA	TGLs = 1-21		
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 4-1		
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: AXILLARY LYMPH NODE NOT PRESENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 452	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	

[Adenoma TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 453	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Uterus
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Nose		Exudate	
	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

[Adenoma TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 454

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Urinary Bladder

Uterus

OBSERVATIONS

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Renal Tubule

Pigmentation

Moderate

Liver

Basophilic Focus

Clear Cell Focus

Bile Duct

Hyperplasia

Minimal

Hyperplasia

Focal, Mild

Leukemia Mononuclear

Hepatocyte

Pigmentation

Mild

Kupffer Cell

Pigmentation

Mild

Note: LEUKEMIA MONUC TGLs = 3-6

[Leukemia Mononuclear TGLS = 3-6]

Mammary Gland

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 1-8]

Nose

Inflammation

Chronic, Mild

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 4-1]

Spleen

Leukemia Mononuclear

Pigmentation

Hemosiderin, Moderate

[Leukemia Mononuclear TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 455	TRT#: 16 DOSE: 20 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: A86036458
OBSERVATIONS			
Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Bone	Calvarium	Osteopetrosis	Mild
Note: OSTEOPETROSIS TGLs = 3-23			
Kidney		Cyst	
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-21,2-22			
Nose		Inflammation	Chronic, Mild
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 4-1]			
Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 456

TRT#: 16

DOSE: 20 MG/KG

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 611

HISTO: A86036459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Stomach - Glandular

OBSERVATIONS

Kidney

Nephropathy

Minimal

Renal Tubule

Pigmentation

Minimal

Liver

Basophilic Focus

Leukemia Mononuclear

Note: THE LEUKEMIA IS IN AN EARLY STAGE

Lymph Node

Lymphatic, Mandibular

Dilatation

Mild

Mandibular

Hemorrhage

Mild

Pancreatic

Hemorrhage

Mild

Mandibular

Leukemia Mononuclear

Pancreatic

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-21

Note: HEMORRHAGE TGLs = 1-8

Nose

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Angiectasis

Mild

Pars Distalis

Cyst

Pars Distalis

Hyperplasia

Minimal

Skeletal Muscle

Sarcoma Stromal

Metastatic (Uterus)

Note: SARC STROMAL TGLs = 5-23

Stomach

Forestomach

Foreign Body

Mild

Forestomach, Mucosa

Hyperplasia

Mild

Forestomach

Inflammation

Chronic Active, Mild

Forestomach

Sarcoma Stromal

Metastatic (Uterus)

Note: INFLAMMATION TGLs = 6-24,6-4-1

Note: HYPERPLASIA TGLs = 6-24,6-4-1

Note: FOREIGN BODY TGLs = 6-24

Uterus

Sarcoma Stromal

Note: SARC STROMAL TGLs = 3-7,3-7-1

Vagina

Sarcoma Stromal

Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 456

TRT#: 16

SEX: Female

DAY ON TEST: 611

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036459

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SARC STROMAL TGLs = 4-22,4-22-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 457

TRT#: 16

SEX: Female

DAY ON TEST: 724

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Angiectasis	Mild
	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
	Hepatocyte	Pigmentation	Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA	TGLs = 2-21		
Note: HYPERPLASIA	TGLs = 1-8		
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
Uterus		Adenoma	
		Hyperplasia	Cystic, Minimal
Note: ADENOMA	TGLs = 3-22		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 458	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Bone	Calvarium	Osteopetrosis	Moderate
Note: OSTEOPETROSIS TGLs = 3-22			
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver		Angiectasis	Moderate
		Basophilic Focus	
		Granuloma	Minimal
[Basophilic Focus TGLS = 2-21]			
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Cyst	
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 1-23			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 459

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
		Cataract	Moderate
Note: CATARACT	TGLs = 1-21		
Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Lobules	Necrosis	Minimal
	Hepatocyte	Pigmentation	Minimal
Nose		Exudate	
		Foreign Body	Mild
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Uterus		Abscess	Moderate
Note: ABSCESS	TGLs = 2-7-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 460

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036463

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Medulla

Hyperplasia

Minimal

Kidney

Mineralization

Minimal

Nephropathy

Minimal

Renal Tubule

Pigmentation

Mild

Liver

Basophilic Focus

Nose

Olfactory Epi

Pigmentation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Cyst

Note: SOME OF THE ADENOMA CELLS ARE PLEOMORPHIC

[Adenoma TGLS = 2-1]

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 461	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Angiectasis	Minimal
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Note: MIXED CL FOCUS TGLs = 3-22			
Mammary Gland		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-8			
Nose	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Developmental Malformation	
Note: DEVELOP MALFOR TGLs = 2-21			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 462

TRT#: 16

SEX: Female

DAY ON TEST: 695

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
	Centrilobular	Necrosis	Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Note: FIBROADENOMA COMPRISED MAINLY OF GLANDULAR TISSUE [Fibroadenoma TGLS = 2-21] [Hyperplasia TGLS = 1-8]			
Nose		Exudate	
		Fungus	
		Inflammation	Chronic, Mild
		Pigmentation	Minimal
Pituitary Gland	Olfactory Epi	Adenoma	
	Pars Distalis		
Note: ADENOMA TGLs = 5-1			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 4-6			
Uterus		Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-22			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 463	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Mild
Bone	Calvarium	Osteopetrosis	Mild
Note: OSTEOPETROSIS TGLs = 1-21			
Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Nose		Exudate	
	Mucosa	Hyperplasia	Mild
	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
[Angiectasis TGLs = 2-1]			
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 464 **TRT#:** 16 **SEX:** Female **DAY ON TEST:** 702
DOSE: 20 MG/KG **DISP:** Moribund Sacrifice **HISTO:** A86036467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Clear Cell Focus	
	Medulla	Hyperplasia	Minimal
Note: ACC ADR COR ND TGLs = 5-22			
Note: SOME OF THE ACC ADR COR ND CELLS ARE HYPERPLASTIC			
Brain		Compression	
[Compression TGLS = 7-1]			
Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Mild
Note: INFILTRAT CELL TGLs = 9-2			
Note: HYPERPLASIA TGLs = 11-2			
Lymph Node	Lumbar, Lymphatic	Dilatation	Marked
	Inguinal	Hyperplasia	Plasma Cell, Moderate
	Lumbar	Hyperplasia	Plasma Cell, Moderate
Note: DILATATION TGLs = 6-23			
Note: HYPERPLASIA TGLs = 6-23			
Note: HYPERPLASIA TGLs = 10-8			
Mammary Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			
Nose	Olfactory Epi	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 464

TRT#: 16

SEX: Female

DAY ON TEST: 702

DOSE: 20 MG/KG

DISP: Moribund Sacrifice

HISTO: A86036467

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 8-1]

Spleen

Hematopoietic Cell Proliferation

Marked

[Hematopoietic Cell Proliferation TGLS = 4-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 465	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Pigmentation	Minimal
Nose	Olfactory Epi	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 466

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Clitoral Gland		Ectasia	Mild
		Inflammation	Chronic, Minimal
Note: ECTASIA	TGLs = 2-8		
Kidney		Inflammation	Chronic, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Moderate
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
Note: THE LEUKEMIA IS IN AN EARLY STAGE			
Note: HDN	TGLs = 3-22		
Mammary Gland		Hyperplasia	Cystic, Moderate
		Hyperplasia	Lobular, Moderate
Note: HYPERPLASIA	TGLs = 1-21		
[Hyperplasia TGLS = 1-21]			
Nose		Inflammation	Chronic, Moderate
	Mucosa	Metaplasia	Squamous, Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Cyst	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 467

TRT#: 16

SEX: Female

DAY ON TEST: 736

DOSE: 20 MG/KG

DISP: Terminal Sacrifice

HISTO: A86036470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Uterus

OBSERVATIONS

Adrenal Gland

Cortex

Accessory Adrenal Cortical Nodule

Cortex

Angiectasis

Mild

Bone

Calvarium

Osteopetrosis

Mild

Note: OSTEOPETROSIS TGLs = 3-23

Eye

Phthisis Bulbi

Moderate

Note: PHTHISIS BULBI TGLs = 1-21

Kidney

Mineralization

Mild

Nephropathy

Minimal

Pigmentation

Mild

Liver

Renal Tubule

Basophilic Focus

Granuloma

Mild

Hepatodiaphragmatic Nodule

Bile Duct

Hyperplasia

Minimal

Hepatocyte

Pigmentation

Minimal

Note: HDN TGLs = 2-22

Nose

Inflammation

Chronic, Mild

Pigmentation

Minimal

Pituitary Gland

Olfactory Epi

Cyst

Pars Distalis

Pars Distalis

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 468	TRT#: 16	SEX: Female	DAY ON TEST: 736
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-8			
Note: THE ADENOMA CONTAINS A LARGE CYSTIC AREA			
Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Note: CHRON. INFLAMM. IS MAINLY IN THE NASOTURBINATES			
Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 2-1]			
Uterus		Hyperplasia	Cystic, Minimal
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pentachloroanisole
CAS Number: 1825-21-4

Date Report Requested: 10/21/2014
Time Report Requested: 22:29:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 469 TRT#: 16 SEX: Female DAY ON TEST: 737
DOSE: 20 MG/KG DISP: Terminal Sacrifice HISTO: A86036472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Note: [HYPERTROPHY:ASSOCIATED WITH FATTY DEGENERATION]			
Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-6			
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-8			
Nose		Exudate	
		Fungus	
	Mucosa	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05037-03

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pentachloroanisole

CAS Number: 1825-21-4

Date Report Requested: 10/21/2014

Time Report Requested: 22:29:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 470	TRT#: 16	SEX: Female	DAY ON TEST: 737
	DOSE: 20 MG/KG	DISP: Terminal Sacrifice	HISTO: A86036473

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Adenoma	
Note: EXTENSIVE AREAS OF CASEOUS NECROSIS ASSOC. W/ ADENOMA			
Note: ADENOMA TGLs = 1-21			
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Angiectasis	Mild
		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLs = 4-6]			
Mammary Gland		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-8			
Nose		Inflammation	Chronic, Mild
	Olfactory Epi	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 5-1]			
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
Note: HYDROMETRA TGLs = 3-7			

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE