

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

C Number:	C02039B
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	11/24/1986

Experiment Number: 05020-01

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Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

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

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

MISSING

Mammary Gland	Preputial Gland	Skeletal Muscle	Skin
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Astrocytoma Benign	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Cyst	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Bone Marrow
Epididymis	Lymph Node	Skin	Thymus
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney	Renal Tubule	Nephropathy	Chronic, Moderate
		Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1	TRT#: 5	SEX: Male	DAY ON TEST: 722
	DOSE: 18 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Ear	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Ureter	Urinary Bladder

MISSING

Islets, Pancreatic	Mammary Gland		
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Osteosarcoma	Metastatic (Spleen)
		Pigmentation	Hemosiderin, Mild
Lung		Osteosarcoma	Metastatic (Spleen)
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Spleen)
Mesentery		Osteosarcoma	Metastatic (Spleen)
Pancreas		Osteosarcoma	Metastatic (Spleen)
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Prostate		Inflammation	Chronic Active, Moderate
Skin		Keratoacanthoma	
Spleen		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 722 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Osteosarcoma Adenoma Atrophy Hyperplasia	Mild Mild
Tooth	Gingiva	Squamous Cell Carcinoma	

PRIMARY CAUSE OF DEATH	-
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Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1	TRT#: 7	SEX: Male	DAY ON TEST: 361
	DOSE: 6 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skeletal Muscle	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 710 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
Lung		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Blood	Bone	Bone Marrow	Epididymis
Ureter			
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Neoplastic Nodule	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 5	SEX: Male	DAY ON TEST: 654
	DOSE: 18 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Lymph Node - Mandibular	Nose
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Intestine Small - Ileum	Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex, Medulla	Fibrosarcoma	Metastatic (Spleen)
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Fibrosarcoma	Metastatic (Spleen)
Kidney		Fibrosarcoma	Metastatic (Spleen)
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Mild
Lung		Fibrosarcoma	Metastatic (Spleen)
Lymph Node	Mesenteric, Pancreatic	Fibrosarcoma	Metastatic (Spleen)
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Pancreas		Fibrosarcoma	Metastatic (Spleen)
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Skeletal Muscle	Diaphragm	Fibrosarcoma	Metastatic (Spleen)
Spleen	Sinusoid	Ectasia	Mild
		Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 654 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Fibrosis Infiltration Cellular Adenoma Atrophy Hyperplasia	Mild Lipocyte, Mild Moderate Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 716 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Epididymis		Mesothelioma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Nephropathy	Chronic, Marked
		Pigmentation	Hemosiderin, Moderate
Liver	Bile Duct	Angiectasis	Mild
		Degeneration	Cystic, Marked
		Hepatocellular Carcinoma	
Mesentery		Hyperplasia	Mild
		Inflammation	Necrotizing, Minimal
		Vacuolization Cytoplasmic	Mild
Pancreas	Acinus	Inflammation	Chronic, Mild
		Pigmentation	Hemosiderin, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
Skin	Sebaceous Gl	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Marked
	Glandular	Inflammation	Chronic Active, Marked
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Infarct	Chronic, Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Mesentery		Inflammation	Chronic, Mild
		Necrosis	Marked
Pancreas	Acinus	Atrophy	Mild
	Duct	Ectasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
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Species/Strain: Rat/F 344/N

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Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 716 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Heart
Liver	Parathyroid Gland		

AUTO PRECLUDES DIAG.

Thyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Blood Vessel	Pulmn Artery	Thrombosis	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 18 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel	Mesent Artery	Inflammation	Chronic Active, Marked
	Mesent Artery	Necrosis	Fibrinoid, Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Osteosarcoma	Metastatic (Spleen)
		Pigmentation	Hemosiderin, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
		Osteosarcoma	Metastatic (Spleen)
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Infiltration Cellular Osteosarcoma Pigmentation Adenoma Atrophy Hyperplasia Inflammation	Lipocyte, Minimal Hemosiderin, Minimal Moderate Mild Chronic Active, Mild
Urinary Bladder			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Route: DOSED FEED
Species/Strain: Rat/F 344/N

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CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone
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OBSERVATIONS

Adrenal Gland	Medulla	Cyst	
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Marked
Skin		Inflammation	Chronic Active, Marked
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

MISSING

Mammary Gland	Preputial Gland	Skeletal Muscle	Skin
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OBSERVATIONS

Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Lung		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
Seminal Vesicle		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Mild

Bone Marrow

Femoral

Hyperplasia

Mild

Kidney

Renal Tubule

Nephropathy

Chronic, Moderate

Pigmentation

Hemosiderin, Minimal

Liver

Bile Duct

Basophilic Focus

Minimal

Spleen

Hyperplasia

Mild

Hematopoietic Cell Proliferation

Pigmentation

Hemosiderin, Mild

Testes

Bilateral, Interstit Cell
Seminif Tub
Interstit Cell

Adenoma

Atrophy

Marked

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 5	SEX: Male	DAY ON TEST: 732
	DOSE: 18 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Pigmentation	Hemosiderin, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Craniophar Dct	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Osteosarcoma Pigmentation Adenoma Atrophy Hyperplasia	Hemosiderin, Mild Moderate Mild
Thyroid Gland	C Cell C Cell Follicular Cel	Adenoma Hyperplasia Hyperplasia	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Blood

Bone

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 715 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone

Skin

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 5	SEX: Male	DAY ON TEST: 476
	DOSE: 18 MG/KG	DISP: Dosing Accident	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Lung	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Testes
Tooth			

MISSING

Harderian Gland	Urinary Bladder
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Stomach - Forestomach	Stomach - Glandular	Thymus

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Esophagus		Foreign Body	Marked
		Inflammation	Necrotizing, Marked
Heart		Cardiomyopathy	Chronic, Moderate
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Thyroid Gland		Inflammation	Necrotizing, Moderate
Trachea		Inflammation	Necrotizing, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland - Cortex	Blood	Bone	Epididymis
Ureter	Urinary Bladder		
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Prostate		Inflammation	Chronic Active, Marked
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 521
	DOSE: VEHICLE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Seminal Vesicle		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Intestine Large
Parathyroid Gland	Ureter		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Leukemia Mononuclear	
	Renal Tubule	Nephropathy	Chronic, Marked
		Pigmentation	Hemosiderin, Minimal
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Degeneration	Cystic, Minimal
		Fibrosarcoma	Metastatic (Spleen)
	Bile Duct	Hyperplasia	Minimal
Lung		Fibrosarcoma	Metastatic (Spleen)
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Pancreas		Fibrosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Mild
Skeletal Muscle	Diaphragm	Fibrosarcoma	Metastatic (Spleen)
Spleen		Fibrosarcoma	
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Moderate
[Fibrosarcoma TGLS = 1-11]			
Stomach	Forestomach	Acanthosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 686 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Forestomach Bilateral, Interstit Cell Seminif Tub Interstit Cell	Hyperkeratosis Adenoma Atrophy Hyperplasia	Mild Marked Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Ureter
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
Preputial Gland		Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Blood Vessel	Intima, Mesent Artery	Proliferation	Moderate
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Ureter	Blood	Bone	Epididymis
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Minimal
Liver	Bile Duct	Basophilic Focus Hyperplasia	Mild
Spleen		Fibrosis Hematopoietic Cell Proliferation Pigmentation	Marked Minimal Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 712 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Marked
Liver	Bile Duct	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Abscess	Mild
		Inflammation	Chronic Active, Moderate
Spleen		Fibrosis	Marked
		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Coagulative, Mild
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH	-
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Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mesentery	Nose	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Skin		Keratoacanthoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 3	SEX: Male	DAY ON TEST: 651
	DOSE: 2 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Mild
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 18 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Pigmentation	Hemosiderin, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland	Seminif Tub C Cell	Atrophy Hyperplasia	Moderate Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Skin
Ureter			

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 626 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Ureter	Urinary Bladder

MISSING

Parathyroid Gland	Thymus
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AUTO PRECLUDES DIAG.

Bone

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Carcinoma	
Tooth	Peridont Tiss	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 693 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Bone	Epididymis	Lymph Node - Mandibular	
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
Skin		Squamous Cell Carcinoma	
Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 622 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Small - Duodenum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
Lung		Hemangiosarcoma	Metastatic (Spleen)
		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Blood	Bone	Epididymis	Pancreas
Thymus	Ureter		
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Minimal
Mammary Gland		Fibroadenoma	
Preputial Gland		Hyperplasia	Marked
Skin	Subcut Tiss	Fibroma	
Spleen		Fibrosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 633

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
Mesentery		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Seminal Vesicle		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Interstitial Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 3

SEX: Male

DAY ON TEST: 486

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Nose	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Tooth	Trachea
Ureter	Urethra	Urinary Bladder	

MISSING

Islets, Pancreatic	Pancreas
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OBSERVATIONS

Brain		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Marked
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Mild
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Inflammation	Chronic, Moderate
		Necrosis	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	Follicular Cel	Adenocarcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 486 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
	Eye	Retina	Moderate
Heart	Lens	Cataract	Moderate
		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Minimal
Mesentery		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Marked
		Infiltration Cellular	Lipocyte, Mild
		Osteosarcoma	
	Testes	Bilateral, Interstit Cell	Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Seminif Tub C Cell	Atrophy Hyperplasia	Moderate Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Skin	
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Adenoma	
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 633

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Marked
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Moribund

DAY ON TEST: 633
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
	C Cell	Hyperplasia	Mild
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Ureter
OBSERVATIONS			
Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 5

SEX: Male

DAY ON TEST: 674

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

MISSING

Lymph Node - Mesenteric	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Moderate
Bone Marrow	Femoral	Hyperplasia	Moderate
Islets, Pancreatic		Osteosarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Mild
		Osteosarcoma	Metastatic (Spleen)
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Osteosarcoma	Metastatic (Spleen)
		Pigmentation	Hemosiderin, Moderate
Lung		Inflammation	Suppurative, Mild
Lymph Node	Mediastinal	Hemorrhage	Acute, Marked
	Mediastinal	Osteosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Osteosarcoma	Metastatic (Spleen)
Nose		Inflammation	Suppurative, Mild
Pancreas		Osteosarcoma	Metastatic (Spleen)
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 674 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Osteosarcoma	Metastatic (Spleen)
Spleen		Fibrosis	Marked
		Osteosarcoma	
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 7	SEX: Male	DAY ON TEST: 549
	DOSE: 6 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Large - Rectum	Intestine Small - Jejunum
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 721
DOSE: VEHICLE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Seminal Vesicle
Skeletal Muscle	Skin	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Blood		Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Mesentery		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Salivary Glands		Granuloma	Moderate
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Moribund

DAY ON TEST: 721
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Glandular Interstit Cell Seminif Tub Interstit Cell	Mineralization Adenoma Atrophy Hyperplasia	Mild Marked Mild
Thymus		Cyst	
Tongue		Foreign Body Inflammation Squamous Cell Papilloma	Mild Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney	Renal Tubule	Nephropathy	Chronic, Moderate
		Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Preputial Gland		Adenoma	
Skin		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstitial Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 5

SEX: Male

DAY ON TEST: 676

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Mineralization	Mild
Kidney	Renal Tubule	Nephropathy	Chronic, Mild
	Bile Duct	Pigmentation	Hemosiderin, Mild
Liver		Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Skin	Subcut Tiss	Fibroma	
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lipocyte, Moderate
		Osteosarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 5

SEX: Male

DAY ON TEST: 676

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 7

SEX: Male

DAY ON TEST: 476

DOSE: 6 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Lung
Skin
Urinary Bladder

Blood Vessel
Harderian Gland
Nose
Thymus

Bone
Intestine Large - Rectum
Preputial Gland
Tooth

Bone Marrow
Intestine Small - Jejunum
Skeletal Muscle
Ureter

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Brain
Intestine Small - Ileum
Pituitary Gland
Thyroid Gland

Intestine Large - Cecum
Islets, Pancreatic
Salivary Glands

Intestine Large - Colon
Lymph Node - Mandibular
Stomach - Forestomach

Intestine Small - Duodenum
Pancreas
Stomach - Glandular

OBSERVATIONS

Adrenal Gland
[Pheochromocytoma Benign TGLS = 2-6]

Medulla
Pheochromocytoma Benign

Esophagus
Heart
Kidney
Liver
Mammary Gland
Prostate
Spleen
Testes
Trachea

Inflammation
Cardiomyopathy
Nephropathy
Hyperplasia
Hyperplasia
Inflammation
Pigmentation
Hyperplasia
Inflammation

Necrotizing, Moderate
Chronic, Moderate
Chronic, Mild
Moderate
Cystic, Mild
Chronic Active, Mild
Hemosiderin, Mild
Mild
Necrotizing, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 655

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Tooth
Trachea			

MISSING

Pituitary Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
	Bone Marrow	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
	Eye	Atrophy	Marked
Heart	Lens	Cataract	Marked
		Bilateral	Leukemia Mononuclear
		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
Islets, Pancreatic		Degeneration	Mild
	Kidney		Leukemia Mononuclear
		Nephropathy	Chronic, Marked
		Degeneration	Cystic, Mild
		Bile Duct	Mild
Liver		Hyperplasia	
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
		Leukemia Mononuclear	
Lung	Axillary	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 655 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Parathyroid Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
Prostate		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Skeletal Muscle		Leukemia Mononuclear	
Skin		Leukemia Mononuclear	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Testes	Interstit Cell	Hyperplasia	Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland		Leukemia Mononuclear	
Ureter		Leukemia Mononuclear	
Urethra		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 3	SEX: Male	DAY ON TEST: 687
	DOSE: 2 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Lymph Node	Skin
OBSERVATIONS			
Adrenal Gland	Medulla	Hyperplasia	Moderate
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney	Renal Tubule	Nephropathy	Chronic, Mild
		Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
Preputial Gland		Adenoma	
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Mandibular	Nose	Salivary Glands	Skeletal Muscle
Skin	Tooth	Trachea	Ureter

MISSING

Harderian Gland	Prostate	Seminal Vesicle	Thymus
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Small	Duodenum	Osteosarcoma	Metastatic (Spleen)
Islets, Pancreatic		Osteosarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Minimal
		Osteosarcoma	Metastatic (Spleen)
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Osteosarcoma	Metastatic (Spleen)
		Pigmentation	Hemosiderin, Mild
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Osteosarcoma	Metastatic (Spleen)
Pancreas		Osteosarcoma	Metastatic (Spleen)
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Osteosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 728 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach, Glandular	Osteosarcoma	Metastatic (Spleen)
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia Osteosarcoma	Marked Mild Metastatic (Spleen)
Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 7

SEX: Male

DAY ON TEST: 710

DOSE: 6 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Ureter

Blood

Bone

Bone Marrow

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Mild

Cortex

Hyperplasia

Mild

Kidney

Nephropathy

Chronic, Moderate

Renal Tubule

Pigmentation

Hemosiderin, Mild

Liver

Basophilic Focus

Degeneration

Cystic, Mild

Bile Duct

Hyperplasia

Minimal

Inflammation

Chronic, Mild

Pituitary Gland

Pars Distalis

Carcinoma

Spleen

Fibrosis

Minimal

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Hemosiderin, Moderate

Testes

Interstitial Cell

Adenoma

Seminif Tub

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 455

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mesentery
Seminal Vesicle
Testes
Ureter

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Nose
Skeletal Muscle
Thyroid Gland
Urinary Bladder

Blood Vessel
Esophagus
Intestine Large - Rectum
Lung
Parathyroid Gland
Spinal Cord
Tooth

Bone
Harderian Gland
Intestine Small - Duodenum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Mammary Gland

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Brain

Compression
Hydrocephalus

Mild

Heart

Cardiomyopathy

Chronic, Minimal

Kidney

Renal Tubule

Pigmentation

Hemosiderin, Mild

Liver

Inflammation

Necrotizing, Minimal

Pancreas

Acinus

Atrophy

Mild

Pituitary Gland

Pars Distalis

Adenoma

Chronic Active, Moderate

Preputial Gland

Inflammation

Chronic Active, Mild

Prostate

Inflammation

Chronic Active, Mild

Skin

Inflammation

Hemosiderin, Mild

Spleen

Pigmentation

Chronic Active, Marked

Stomach

Forestomach

Inflammation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 556

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Small	Jejunum	Metaplasia	Osseous, Moderate
	Jejunum	Necrosis	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
Lymph Node	Mesenteric	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 556 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urethra		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Brain		Compression	
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
		Mineralization	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Marked
Spleen		Fibrosarcoma	
		Fibrosis	Marked
		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 728
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Organ	Accountable Site	Status
Testes	Interstitial Cell	Hematopoietic Cell Proliferation
	Seminif Tub	Infiltration Cellular
	C Cell	Pigmentation
Thyroid Gland	Transit Epithe	Adenoma
		Atrophy
Urinary Bladder		Hyperplasia
		Inflammation
PRIMARY CAUSE OF DEATH	-	Minimal Lipocyte, Moderate Hemosiderin, Mild Marked Mild Mild Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney	Renal Tubule	Nephropathy	Chronic, Mild
		Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Mild
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Ureter
Urethra	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Leukemia Mononuclear	
	Renal Tubule	Nephropathy	Chronic, Moderate
		Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 6-1]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Interstit Cell	Pigmentation	Hemosiderin, Minimal
Tooth	Peridont Tiss	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Ureter
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Neoplastic Nodule	
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 5

SEX: Male

DAY ON TEST: 618

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Mesentery	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Forestomach	Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Harderian Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosarcoma	
		Hemangiosarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 7

SEX: Male

DAY ON TEST: 724

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus

Blood Vessel
Salivary Glands

Bone
Thymus

Bone Marrow
Trachea

OBSERVATIONS

Adrenal Gland

Medulla
Medulla

Hyperplasia
Pheochromocytoma Benign

Mild

Heart
Kidney

Cardiomyopathy
Nephropathy

Chronic, Mild
Chronic, Moderate

Liver

Renal Tubule

Pigmentation
Basophilic Focus

Hemosiderin, Mild

Lymph Node

Bile Duct
Mandibular
Mediastinal

Degeneration
Hyperplasia
Necrosis
Ectasia

Cystic, Moderate
Mild
Coagulative, Marked
Mild

Spleen

Infiltration Cellular
Hematopoietic Cell Proliferation
Pigmentation

Mast Cell, Mild
Moderate
Hemosiderin, Mild

Testes

Bilateral, Interstit Cell
Seminif Tub

Adenoma
Atrophy

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 568

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Intestine Small - Duodenum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Esophagus		Foreign Body	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Lymph Node	Ureter		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thymus		Thymoma Benign	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 5

SEX: Male

DAY ON TEST: 700

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Lung	Parathyroid Gland	Salivary Glands	Skin
Tooth	Trachea		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Liver	Nose	Preputial Gland
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Ureter	Urinary Bladder		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Epididymis		Osteosarcoma	Metastatic (Spleen)
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Osteosarcoma	Metastatic (Spleen)
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Mesentery		Osteosarcoma	Metastatic (Spleen)
Pancreas		Osteosarcoma	Metastatic (Spleen)
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic Active, Minimal
Seminal Vesicle		Osteosarcoma	Metastatic (Spleen)
Skeletal Muscle		Osteosarcoma	Metastatic (Spleen)
Spleen		Osteosarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Skin	Ureter
OBSERVATIONS			
Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 466

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Ureter	

OBSERVATIONS

Bone Marrow	Femoral	Leukemia Mononuclear	
Brain		Hemorrhage	Acute, Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Lung		Hemorrhage	Acute, Moderate
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thymus		Leukemia Mononuclear	
Urinary Bladder		Hemorrhage	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Blood

Bone

OBSERVATIONS

Adrenal Gland

Medulla

Hyperplasia

Mild

Bone Marrow

Femoral

Hyperplasia

Moderate

Kidney

Renal Tubule

Nephropathy

Chronic, Moderate

Liver

Bile Duct

Pigmentation

Hemosiderin, Minimal

Skin

Hyperplasia

Mild

Spleen

Basosquamous Tumor Benign

Hematopoietic Cell Proliferation

Mild

Testes

Bilateral, Interstit Cell

Pigmentation

Hemosiderin, Mild

Seminif Tub

Adenoma

Atrophy

Marked

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 5

SEX: Male

DAY ON TEST: 522

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	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	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Tooth	Trachea	Ureter

MISSING

Harderian Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Marked
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
Lung		Fibrosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas		Fibrosarcoma	Metastatic (Spleen)
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Fibrosarcoma	Metastatic (Spleen)
Spleen		Fibrosarcoma	
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Moderate
Stomach	Glandular	Necrosis	Coagulative, Moderate
Testes	Interstitial Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder		Fibrosarcoma	Metastatic (Spleen)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 5

SEX: Male

DAY ON TEST: 522

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Esophagus	Lymph Node	Pancreas	Thymus
Trachea			

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Spleen		Osteosarcoma	
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis

Adrenal Gland - Medulla
Ureter

Blood

Bone

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Minimal
Liver	Bile Duct	Basophilic Focus Hepatodiaphragmatic Nodule Hyperplasia Inflammation Neoplastic Nodule	Mild Chronic, Minimal
Spleen		Fibrosis Hematopoietic Cell Proliferation Pigmentation	Minimal Minimal Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Cyst	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	Multiple
Preputial Gland		Adenoma	
Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Granuloma	Minimal
		Hematopoietic Cell Proliferation	Mild
[Fibrosarcoma TGLS = 10-11]			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Seminif Tub C Cell	Atrophy Hyperplasia	Marked Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Ureter
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Mild
Liver		Basophilic Focus Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia Inflammation	Mild Chronic, Mild
Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 639

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra

MISSING

Mammary Gland

OBSERVATIONS

Blood		Leukocytosis	
Bone Marrow	Femoral	Hyperplasia	Marked
Epididymis		Mesothelioma Malignant	
Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Rectum	Mesothelioma Malignant	
Kidney		Mesothelioma Malignant	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Mesentery		Mesothelioma Malignant	
Pancreas	Acinus	Atrophy	Minimal
		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skeletal Muscle	Diaphragm	Mesothelioma Malignant	
Spleen		Hematopoietic Cell Proliferation	Marked
		Mesothelioma Malignant	
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 639

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	
Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue		Foreign Body	Mild
		Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	
Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 673 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Bone

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Hepatodiaphragmatic Nodule	
Preputial Gland		Adenoma	
Skin	Subcut Tiss	Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Lymph Node - Mandibular
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skeletal Muscle	Skin	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

MISSING

Pituitary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Ileum Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Intestine Small	Duodenum	Osteosarcoma	Metastatic (Spleen)
Islets, Pancreatic		Osteosarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Moderate
		Osteosarcoma	Metastatic (Spleen)
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Coagulative, Mild
		Osteosarcoma	Metastatic (Spleen)
		Pigmentation	Hemosiderin, Minimal
Lung		Osteosarcoma	Metastatic (Spleen)
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Osteosarcoma	Metastatic (Spleen)
Pancreas		Osteosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Osteosarcoma	
Testes	Bilateral, Interstit Cell	Osteosarcoma	Metastatic (Spleen)
	Seminif Tub	Adenoma	
		Atrophy	Marked
Thymus		Osteosarcoma	Metastatic (Spleen)
		Cyst	

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Ureter

Blood

Bone

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland
Bone Marrow
Kidney

Bilateral, Medulla

Femoral

Renal Tubule

Liver

Bile Duct

Mesentery

Pituitary Gland
Spleen

Pars Distalis

Testes

Bilateral, Interstit Cell
Seminif Tub
Interstit Cell

Urinary Bladder

Pheochromocytoma Benign

Hyperplasia

Nephropathy

Pigmentation

Basophilic Focus

Degeneration

Hyperplasia

Inflammation

Inflammation

Necrosis

Adenoma

Fibrosis

Hematopoietic Cell Proliferation

Pigmentation

Adenoma

Atrophy

Hyperplasia

Dilatation

Mild

Chronic, Moderate

Hemosiderin, Mild

Cystic, Minimal

Minimal

Chronic, Minimal

Chronic, Moderate

Marked

Minimal

Minimal

Hemosiderin, Mild

Marked

Minimal

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 5

SEX: Male

DAY ON TEST: 535

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Minimal
	Atrium	Thrombosis	
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Necrosis	Coagulative, Moderate
Lung		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Adenocarcinoma	
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Infiltration Cellular	Lipocyte, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 535
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Inflammation	Necrotizing, Marked
		Vacuolization Cytoplasmic	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 655
	DOSE: VEHICLE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urethra	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose		Inflammation	Chronic Active, Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Skin		Basosquamous Tumor Benign	
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 655 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Pigmentation Adenoma Atrophy	Hemosiderin, Minimal Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 651 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Lung
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Intestine Small	Jejunum	Adenocarcinoma	
Kidney	Renal Tubule	Nephropathy	Chronic, Mild
Liver	Bile Duct	Pigmentation	Hemosiderin, Mild
Lymph Node	Mesenteric	Hyperplasia	Moderate
Mesentery	Mesenteric	Necrosis	Coagulative, Moderate
Spleen		Cyst	
Testes		Fibrosis	Mild
		Inflammation	Chronic, Moderate
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 5

SEX: Male

DAY ON TEST: 624

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Islets, Pancreatic	Pancreas
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Coagulative, Moderate
Mesentery		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Dead

DAY ON TEST: 624
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia
Mesothelioma Malignant

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

Ureter

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Mild

Bone Marrow

Femoral

Hyperplasia

Moderate

Kidney

Renal Tubule

Nephropathy

Chronic, Moderate

Liver

Renal Tubule

Pigmentation

Hemosiderin, Mild

Spleen

Bile Duct

Basophilic Focus

Moderate

Testes

Bilateral, Interstit Cell

Hyperplasia

Moderate

Seminif Tub

Adenoma

Moderate

Atrophy

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 1	SEX: Male	DAY ON TEST: 263
	DOSE: VEHICLE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Preputial Gland		Inflammation	Chronic Active, Moderate
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Epididymis
Ureter			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Kidney	Renal Tubule	Nephropathy	Chronic, Mild
	Bile Duct	Pigmentation	Hemosiderin, Mild
Liver		Hyperplasia	Mild
Mesentery		Inflammation	Chronic, Moderate
		Necrosis	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Nose
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Pituitary Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Intestine Small	Duodenum	Fibrosarcoma	Metastatic (Spleen)
Islets, Pancreatic		Fibrosarcoma	Metastatic (Spleen)
Kidney		Fibrosarcoma	Metastatic (Spleen)
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Fibrosarcoma	Metastatic (Spleen)
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Necrotizing, Minimal
		Pigmentation	Hemosiderin, Minimal
Lung		Fibrosarcoma	Metastatic (Spleen)
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Pancreas		Fibrosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Fibrosarcoma	
		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 686 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
		Hematopoietic Cell Proliferation	Minimal
Stomach	Glandular	Necrosis	Coagulative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Mesentery
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Brain		Hydrocephalus	Marked
Heart		Cardiomyopathy	Chronic, Moderate
	Endocardium	Proliferation	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Vacuolization Cytoplasmic	Mild
Lung	Alveolar Epith	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Bone Marrow

Femoral

Hyperplasia

Mild

Kidney

Nephropathy

Chronic, Marked

Renal Tubule

Pigmentation

Hemosiderin, Minimal

Liver

Angiectasis

Mild

Basophilic Focus

Degeneration

Cystic, Mild

Hepatodiaphragmatic Nodule

Bile Duct

Hyperplasia

Mild

[Hepatodiaphragmatic Nodule TGLS = 3-5]

Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Mild

Testes

Bilateral, Interstit Cell

Adenoma

Marked

Seminif Tub

Atrophy

Tongue

Inflammation

Chronic Active, Mild

Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 584

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

MISSING

Intestine Small - Duodenum	Mammary Gland
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia Osteosarcoma Thrombosis	Mild Metastatic (Spleen)
Epididymis	Bilateral	Osteosarcoma	Metastatic (Spleen)
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia Osteosarcoma	Mild Metastatic (Spleen)
Lung		Osteosarcoma	Metastatic (Spleen)
Mesentery		Osteosarcoma	Metastatic (Spleen)
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Skeletal Muscle	Diaphragm	Osteosarcoma	Metastatic (Spleen)
Spleen		Fibrosis Osteosarcoma	Moderate
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 584

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus
Tissue NOS

Osteosarcoma
Osteosarcoma
Osteosarcoma

Metastatic (Spleen)
Metastatic (Spleen)
Metastatic (Spleen)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 7

SEX: Male

DAY ON TEST: 533

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Epididymis
Harderian Gland	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter		

MISSING

Thymus

AUTO PRECLUDES DIAG.

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

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Compression	
Esophagus		Foreign Body	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Moderate
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Hyperplasia	Mild
Urethra	Transit Epithe	Hyperplasia	Moderate
Urinary Bladder		Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 662

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
	Femoral	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Moribund

DAY ON TEST: 662
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Pigmentation Adenoma Atrophy	Hemosiderin, Minimal Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Heart	Atrium	Cardiomyopathy	Chronic, Mild
		Thrombosis	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 556

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Cecum	Dilatation	Mild
	Cecum	Inflammation	Chronic Active, Mild
Intestine Small	Ileum	Dilatation	Mild
	Jejunum	Dilatation	Mild
	Ileum	Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Fibrosarcoma	Metastatic (Spleen)
		Necrosis	Coagulative, Marked
Lymph Node	Mesenteric	Cyst	
Mesentery		Fibrosarcoma	Metastatic (Spleen)
		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 556
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Fibrosarcoma	
		Fibrosis	Marked
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Minimal
Testes	Interstit Cell Seminif Tub Interstit Cell	Pigmentation	Hemosiderin, Mild
		Adenoma	
		Atrophy	Mild
		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 7

SEX: Male

DAY ON TEST: 521

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Intestine Large - Cecum

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Mild
Liver	Bile Duct	Degeneration	Cystic, Minimal
Pituitary Gland	Pars Intermed	Hyperplasia	Mild
Spleen		Angiectasis	Moderate
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 680

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Ureter
Urinary Bladder			

MISSING

Harderian Gland	Nose	Pituitary Gland	Thymus
Tooth			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Minimal
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Necrotizing, Mild
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lung	Mandibular	Cyst	
Lymph Node	Mediastinal	Cyst	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 680

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Fibroadenoma Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 1-11]			
Mesentery		Leukemia Mononuclear	
Preputial Gland		Hyperplasia Inflammation	Mild Chronic Active, Moderate
Spleen		Fibroma Fibrosis Hematopoietic Cell Proliferation Infiltration Cellular Leukemia Mononuclear	Marked Minimal Lipocyte, Moderate
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 7

SEX: Male

DAY ON TEST: 572

DOSE: 6 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	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	Mesentery	Nose
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Compression	
		Hemorrhage	Acute, Marked
		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Acute, Moderate
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 7
DOSE: 6 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 572
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Necrotizing, Mild
Nose		Polyp	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	Multiple
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland	C Cell	Adenoma	Multiple
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Ureter
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Pigmentation	Hemosiderin, Minimal
Mesentery		Inflammation	Chronic, Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lipocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Pigmentation Adenoma Atrophy	Hemosiderin, Mild Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
	Femoral	Hyperplasia	Reticulum Cell, Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Epididymis
Heart			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy	Chronic, Marked
		Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Neoplastic Nodule	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
	Eye	Retina	Moderate
Heart	Lens	Cataract	Moderate
		Cardiomyopathy	Chronic, Mild
		Nephropathy	Chronic, Moderate
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
		Basophilic Focus	
Liver	Bile Duct	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
		Inflammation	Chronic Active, Mild
Preputial Gland		Cyst	
		Fibrosis	Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lipocyte, Mild
Testes	Bilateral, Interstit Cell	Pigmentation	Hemosiderin, Minimal
		Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Seminif Tub C Cell C Cell	Atrophy Adenoma Hyperplasia	Marked Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mesentery	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1
DOSE: VEHICLE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Seminif Tub Interstit Cell C Cell	Atrophy Hyperplasia Hyperplasia	Marked Minimal Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
Ureter			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Pigmentation	Hemosiderin, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Osteosarcoma	Metastatic (Spleen)
Nose		Inflammation	Chronic Active, Mild
	Nasolacrim Dct	Squamous Cell Carcinoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate
		Osteosarcoma	

[Osteosarcoma TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Ureter
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Skin		Squamous Cell Papilloma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Inflammation	Chronic Active, Mild
Spleen		Fibroma	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
Stomach	Glandular	Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 626

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Prostate
Salivary Glands	Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Adenoma	
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 5

SEX: Male

DAY ON TEST: 659

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Thymus	Tooth	Trachea	Ureter
Urethra	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Osteosarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Mesentery		Osteosarcoma	Metastatic (Spleen)
Nose		Inflammation	Chronic Active, Mild
Pancreas		Osteosarcoma	Metastatic (Spleen)
		[Osteosarcoma TGLS = 1-11]	
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Moderate
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 659 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

		Osteosarcoma	
		Pigmentation	Hemosiderin, Minimal
[Osteosarcoma TGLS = 2-11]			
Stomach	Glandular	Necrosis	Coagulative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 7

SEX: Male

DAY ON TEST: 578

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland	Nose
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Esophagus		Foreign Body	Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 7

SEX: Male

DAY ON TEST: 578

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 628

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Bone	Rib	Osteosarcoma	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
		Osteosarcoma	Metastatic (Bone)
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Moderate
Prostate		Inflammation	Chronic Active, Mild
Skeletal Muscle		Osteosarcoma	Metastatic (Bone)
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstitial Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 654

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-4]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	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	Lymph Node - Mandibular	Mesentery
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
	Eye	Retina	Marked
Harderian Gland	Lens	Cataract	Marked
		Inflammation	Chronic, Mild
		Cardiomyopathy	Chronic, Moderate
Heart	Kidney	Nephropathy	Chronic, Moderate
		Renal Tubule	Hemosiderin, Moderate
Liver	Bile Duct	Pigmentation	
		Basophilic Focus	
		Hyperplasia	Mild
Mammary Gland	Pituitary Gland	Pigmentation	Hemosiderin, Mild
		Hyperplasia	Cystic, Minimal
Preputial Gland	Prostate	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Spleen	Pars Distalis	Inflammation	Chronic Active, Mild
		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Moderate
		Osteosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Pigmentation Adenoma Atrophy Hyperplasia	Hemosiderin, Minimal Marked Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 686 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex
Liver

Adrenal Gland - Medulla

Bone Marrow

Kidney

OBSERVATIONS

Intestine Small

Jejunum
Jejunum

Metaplasia
Polyp Adenomatous
Pigmentation
Adenoma
Atrophy

Osseous, Mild
Hemosiderin, Mild
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Heart		Cardiomyopathy	Chronic, Moderate
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 3

SEX: Male

DAY ON TEST: 529

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	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	Mesentery	Nose	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Tooth	Trachea	Ureter

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
	Medulla	Osteosarcoma	Metastatic (Bone)
Bone	Cranium	Osteosarcoma	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Degeneration	Moderate
		Inflammation	Hemorrhagic, Marked
		Nephropathy	Chronic, Mild
		Osteosarcoma	Metastatic (Bone)
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Osteosarcoma	Metastatic (Bone)
Mammary Gland		Hyperplasia	Cystic, Mild
Parathyroid Gland		Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skeletal Muscle		Osteosarcoma	Metastatic (Bone)
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Necrosis	Coagulative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 3
DOSE: 2 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 529
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Hyperplasia	Mild
Urethra		Inflammation	Hemorrhagic, Mild
Urinary Bladder		Inflammation	Hemorrhagic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Blood		Neutrophilia	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
Lymph Node	Renal	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibroma	
		Fibrosis	Moderate
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 718

DOSE: 6 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
Lung		Squamous Cell Carcinoma	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 578

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Mesentery	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Epididymis	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Medulla Medulla	Hyperplasia Pheochromocytoma Benign	Mild
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia Inflammation	Minimal Chronic, Minimal
Skin [Fibroma TGLS = 1-5+6]	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation Pigmentation	Moderate Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mesentery	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
Lymph Node	Mediastinal	Cyst	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Mild

[Fibrosarcoma TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Harderian Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Hemorrhage	Acute, Mild
		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Nephropathy	Chronic, Marked
		Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	Cystic, Minimal
		Degeneration	
		Neoplastic Nodule	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma	Marked
		Atrophy	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Epididymis		Osteosarcoma	Metastatic (Spleen)
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Small	Jejunum	Osteosarcoma	Metastatic (Spleen)
Islets, Pancreatic		Osteosarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Mild
		Osteosarcoma	Metastatic (Spleen)
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Pigmentation	Hemosiderin, Mild
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Osteosarcoma	Metastatic (Spleen)
Nose		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Osteosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Osteosarcoma	Metastatic (Spleen)
Spleen		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Moderate
		Osteosarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 702

DOSE: 6 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Seminal Vesicle

Adrenal Gland - Medulla
Ureter

Bone

Prostate

OBSERVATIONS

Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Fibrosarcoma	Metastatic (Spleen)
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Pancreas		Fibrosarcoma	Metastatic (Spleen)
Spleen		Fibrosarcoma	
		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Coagulative, Mild
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
	Femoral	Leukemia Mononuclear	
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Cyst	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 688 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland	Mesenteric	Leukemia Mononuclear Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Infarct	Acute, Marked
Testes	Bilateral, Interstit Cell Interstit Cell	Leukemia Mononuclear Adenoma Hyperplasia	Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 654 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney	Renal Tubule	Nephropathy	Chronic, Moderate
		Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
Preputial Gland		Adenoma	
[Adenoma TGLS = 2-5]			
Skin	Subcut Tiss	Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
		Seminif Tub	Marked
		Interstit Cell	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 731
DOSE: 18 MG/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
		Basophilic Focus	
Liver	Bile Duct	Hyperplasia	Minimal
		Osteosarcoma	Metastatic (Spleen)
		Pigmentation	Hemosiderin, Minimal
[Osteosarcoma TGLS = 6-4]			
Lymph Node	Mandibular	Cyst	
	Mediastinal	Edema	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Mild
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lipocyte, Moderate
		Osteosarcoma	
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth	Peridont Tiss	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Epididymis	
OBSERVATIONS			
Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Mild
Bone Marrow	Femoral	Hyperplasia Leukemia Mononuclear	Moderate
Eye	Retina Lens	Atrophy Cataract	Moderate Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Mild
Liver		Angiectasis Basophilic Focus	Mild
	Bile Duct	Hyperplasia Inflammation Leukemia Mononuclear	Mild Chronic, Minimal
Spleen		Fibrosis Hematopoietic Cell Proliferation Leukemia Mononuclear	Minimal Mild
Testes	Bilateral, Interstit Cell Seminif Tub	Pigmentation Adenoma Atrophy	Hemosiderin, Mild Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 627

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
Mesentery		Inflammation	Chronic, Moderate
		Necrosis	Marked
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Basal Cell Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Mesentery	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35 TRT#: 7 SEX: Male DAY ON TEST: 731
DOSE: 6 MG/KG DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Epididymis	Intestine Large - Cecum
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Minimal
Lymph Node	Mesenteric	Cyst	
	Mesenteric	Ectasia	Moderate
Spleen		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 330

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Brain		Ependymoma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spinal Cord		Degeneration	Marked
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Mild
Liver	Bile Duct	Basophilic Focus Hyperplasia Inflammation	Mild Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation Pigmentation	Minimal Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 5

SEX: Male

DAY ON TEST: 679

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Parathyroid Gland
Preputial Gland	Salivary Glands	Skeletal Muscle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Urinary Bladder			

INSUFFICIENT TISSUE

Trachea

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Intestine Large	Cecum	Parasite Metazoan	
	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-11]			
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 5

SEX: Male

DAY ON TEST: 679

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell
Seminif Tub
Interstit Cell

Pigmentation
Adenoma
Atrophy
Hyperplasia

Hemosiderin, Mild

Marked
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Ureter
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 72

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Harderian Gland
Parathyroid Gland
Salivary Glands
Testes
Ureter

Adrenal Gland - Medulla
Brain
Liver
Pituitary Gland
Skeletal Muscle
Thymus

Blood Vessel
Epididymis
Lung
Preputial Gland
Skin
Tooth

Bone
Esophagus
Lymph Node - Mandibular
Prostate
Spleen
Trachea

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Ileum
Pancreas
Urinary Bladder

Intestine Large - Colon
Intestine Small - Jejunum
Stomach - Forestomach

Intestine Large - Rectum
Islets, Pancreatic
Stomach - Glandular

Intestine Small - Duodenum
Kidney
Thyroid Gland

OBSERVATIONS

Heart
Nose

Cardiomyopathy
Inflammation

Chronic, Mild
Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 37

TRT#: 3

SEX: Male

DAY ON TEST: 651

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Lung

Adrenal Gland - Medulla
Salivary Glands

Blood

Bone

OBSERVATIONS

Bone Marrow
Eye

Femoral
Retina
Lens

Hyperplasia
Atrophy
Cataract
Cardiomyopathy

Marked
Moderate
Moderate

Heart
Kidney

Nephropathy

Chronic, Mild
Chronic, Mild

Liver

Renal Tubule

Pigmentation
Basophilic Focus
Degeneration

Hemosiderin, Marked

Lymph Node
Mesentery
Pancreas
Spleen

Bile Duct

Hyperplasia
Necrosis

Cystic, Mild
Mild
Coagulative, Mild

Testes

Mandibular

Ectasia
Mesothelioma Malignant
Mesothelioma Malignant
Hematopoietic Cell Proliferation
Mesothelioma Malignant

Mild

Bilateral, Interstit Cell
Seminif Tub
Interstit Cell

Adenoma
Atrophy
Hyperplasia
Mesothelioma Malignant

Marked
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 5

SEX: Male

DAY ON TEST: 721

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

MISSING

Intestine Large - Rectum	Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Thyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Cortex	Hematopoietic Cell Proliferation	Mild
	Medulla	Hematopoietic Cell Proliferation	Mild
	Cortex	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Epididymis		Sarcoma	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Coagulative, Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Dead

DAY ON TEST: 721
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
		Infarct	Acute, Marked
Stomach	Glandular	Necrosis	Coagulative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Ureter	Blood	Bone	Epididymis
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Mild Hemosiderin, Mild
Liver	Bile Duct	Basophilic Focus Hyperplasia Neoplastic Nodule	Mild
Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung		Hemorrhage	Acute, Moderate
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 709 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 3

SEX: Male

DAY ON TEST: 627

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	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	Mesentery	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
	Cortex	Necrosis	Coagulative, Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Esophagus		Inflammation	Necrotizing, Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
Lung	Mediastinum	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic, Mild
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Mild
	Duct	Ectasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 3
DOSE: 2 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 627
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminif Tub
Interstit Cell

Atrophy
Hyperplasia

Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 5

SEX: Male

DAY ON TEST: 615

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Nose	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	

MISSING

Harderian Gland	Islets, Pancreatic	Pancreas	Prostate
Seminal Vesicle	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Coagulative, Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 5

SEX: Male

DAY ON TEST: 615

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Epididymis
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Mild Hemosiderin, Mild
Liver	Bile Duct	Basophilic Focus Hepatodiaphragmatic Nodule Hyperplasia Inflammation	Mild Chronic, Mild
Spleen		Hematopoietic Cell Proliferation Pigmentation	Minimal Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 554

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mesentery
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Myelofibrosis	Mild
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Intestine Large	Rectum	Inflammation	Chronic Active, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
		Vacuolization Cytoplasmic	Marked
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Septum	Thrombosis	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 554

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic Active, Moderate
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 2-1]			
Stomach	Glandular	Necrosis	Coagulative, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone	Femur	Fibrous Osteodystrophy	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
	Cornea	Inflammation	Chronic Active, Moderate
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
Lymph Node	Renal	Cyst	
Skin		Keratoacanthoma	
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urethra	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
		Basophilic Focus	
Liver	Bile Duct	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
		Hyperplasia	Mild
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Spleen		Infiltration Cellular	Lipocyte, Mild
		Osteosarcoma	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Epididymis
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Neoplastic Nodule	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
Epididymis			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Pigmentation	Hemosiderin, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mandibular	Nose	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Epididymis	Bilateral	Mesothelioma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
Islets, Pancreatic		Carcinoma	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
Lymph Node	Pancreatic	Ectopic Tissue	
	Mediastinal	Infiltration Cellular	Histiocyte, Moderate
	Mesenteric	Infiltration Cellular	Histiocyte, Moderate
	Pancreatic	Infiltration Cellular	Histiocyte, Moderate
	Pancreatic	Mesothelioma Malignant	
	Mediastinal	Pigmentation	Hemosiderin, Moderate
	Mesenteric	Pigmentation	Hemosiderin, Mild
	Pancreatic	Pigmentation	Hemosiderin, Moderate
Mesentery		Mesothelioma Malignant	
		Pigmentation	Hemosiderin, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Mesothelioma Malignant	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Mesothelioma Malignant	
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma	
		Atrophy	Marked
		Mesothelioma Malignant	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Epididymis
Ureter			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 674

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urethra	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Cyst	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	
Nose		Inflammation	Chronic Active, Marked
Pancreas	Acinus	Atrophy	Moderate
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 674 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	
OBSERVATIONS			
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Mild
Liver		Basophilic Focus Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mesenteric	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Moderate Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 5

SEX: Male

DAY ON TEST: 659

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Harderian Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Epididymis		Fibrosarcoma	Metastatic (Spleen)
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Suppurative, Mild
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Fibrosarcoma	Metastatic (Spleen)
Pancreas	Acinus	Atrophy	Marked
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosarcoma	
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Moribund

DAY ON TEST: 659
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Tongue	Seminif Tub	Atrophy Foreign Body Inflammation Squamous Cell Papilloma	Marked Mild Chronic Active, Mild
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[Squamous Cell Papilloma TGLS = 5-11]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 6 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Epididymis
OBSERVATIONS			
Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstitial Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 701

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
		Pigmentation	Hemosiderin, Mild
Liver	Renal Tubule	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
			Leukemia Mononuclear
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 701 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Seminif Tub Interstit Cell	Atrophy Hyperplasia	Moderate Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 654 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Vacuolization Cytoplasmic	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-2]			
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Inflammation	Necrotizing, Marked
	Glandular	Necrosis	Coagulative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Cyst	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-11]			
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Kidney	Renal Tubule	Nephropathy	Chronic, Marked
		Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Vacuolization Cytoplasmic	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Hemorrhage	Acute, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Cyst	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinus	Atrophy	Moderate
Preputial Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 688

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Spleen		Inflammation	Chronic Active, Moderate
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Ureter
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mandibular
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Islets, Pancreatic		Fibrosarcoma	Metastatic (Spleen)
Kidney		Fibrosarcoma	Metastatic (Spleen)
	Renal Tubule	Nephropathy	Chronic, Mild
		Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Coagulative, Moderate
		Pigmentation	Hemosiderin, Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Infiltration Cellular	Mast Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Fibrosarcoma	Metastatic (Spleen)
		[Fibrosarcoma TGLS = 2-12]	
Nose		Inflammation	Chronic Active, Minimal
Pancreas		Fibrosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Moderate
Spleen		Fibrosarcoma	
		[Fibrosarcoma TGLS = 3-11]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 5
DOSE: 18 MG/KG

SEX: Male
DISP: Dead

DAY ON TEST: 728
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 7

SEX: Male

DAY ON TEST: 570

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Harderian Gland
Lung
Parathyroid Gland
Skeletal Muscle
Thymus
Ureter

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Lymph Node - Mandibular
Pituitary Gland
Skin
Thyroid Gland
Urinary Bladder

Blood Vessel
Epididymis
Intestine Small - Duodenum
Mesentery
Salivary Glands
Stomach - Forestomach
Tooth

Bone
Esophagus
Islets, Pancreatic
Nose
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Preputial Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Large - Rectum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Heart
Kidney

Liver

Mammary Gland

Pancreas

Prostate

Spleen

Testes

Renal Tubule
Bile Duct

Acinus

Interstit Cell
Seminif Tub
Interstit Cell

Cardiomyopathy
Nephropathy
Pigmentation
Hyperplasia
Inflammation
Hyperplasia
Atrophy
Inflammation
Hematopoietic Cell Proliferation
Pigmentation
Adenoma
Atrophy
Hyperplasia

Chronic, Mild
Chronic, Mild
Hemosiderin, Minimal
Mild
Chronic, Minimal
Cystic, Mild
Mild
Chronic Active, Minimal
Mild
Hemosiderin, Mild
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Moderate
Kidney		Leukemia Mononuclear	
	Renal Tubule	Nephropathy	Chronic, Moderate
		Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Cyst	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Pancreas	Acinus	Adenoma	
	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 44

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Intestine Large

Blood
Ureter

Bone

Heart

OBSERVATIONS

Adrenal Gland
Bone Marrow
Eye

Bilateral, Medulla
Femoral
Retina
Lens

Pheochromocytoma Benign
Hyperplasia
Atrophy
Cataract

Moderate
Moderate
Moderate

Kidney

Renal Tubule

Nephropathy
Pigmentation

Chronic, Moderate
Hemosiderin, Minimal

Liver

Bile Duct

Hyperplasia
Inflammation
Vacuolization Cytoplasmic
Adenoma

Minimal
Chronic, Minimal
Minimal

Preputial Gland
[Adenoma TGLS = 5-6]

Skin
Spleen

Inflammation
Fibrosis
Hematopoietic Cell Proliferation
Pigmentation

Necrotizing, Moderate
Moderate
Minimal
Hemosiderin, Minimal

Testes

Bilateral, Interstit Cell
Seminif Tub
Interstit Cell

Adenoma
Atrophy
Hyperplasia

Marked
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Small	Duodenum	Osteosarcoma	Metastatic (Spleen)
Islets, Pancreatic		Osteosarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Moderate
		Osteosarcoma	Metastatic (Spleen)
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Minimal
		Osteosarcoma	Metastatic (Spleen)
Lymph Node	Mediastinal, Mesenteric	Osteosarcoma	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Osteosarcoma	Metastatic (Spleen)
Pancreas		Osteosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
		Osteosarcoma	Metastatic (Spleen)
Skeletal Muscle	Diaphragm	Osteosarcoma	Metastatic (Spleen)
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Seminif Tub	Osteosarcoma Pigmentation Adenoma Atrophy	Hemosiderin, Mild Marked
Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Epididymis
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
	Femoral	Hyperplasia	Reticulum Cell, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 647

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urethra	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mesentery		Inflammation	Chronic, Marked
		Leukemia Mononuclear	
		Necrosis	Marked
Nose		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 647 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Minimal
Testes	Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Moderate Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
Harderian Gland	Ureter		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45 TRT#: 5 SEX: Male DAY ON TEST: 732
DOSE: 18 MG/KG DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Ureter			

MISSING

Parathyroid Gland Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Preputial Gland		Hyperplasia	Moderate
Skin	Subcut Tiss	Fibroma	
	[Fibroma TGLS = 6-14]		
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Osteosarcoma	
		Pigmentation	Hemosiderin, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder	C Cell	Hyperplasia	Minimal
		Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 711 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Keratoacanthoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 512

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tooth	Trachea
Ureter			

MISSING

Intestine Large - Colon	Urinary Bladder
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OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Ureter

Blood

Bone

Bone Marrow

OBSERVATIONS

Adrenal Gland
Kidney

Medulla

Pheochromocytoma Benign

Nephropathy

Chronic, Moderate

Liver

Renal Tubule

Pigmentation

Hemosiderin, Minimal

Spleen

Bile Duct

Hyperplasia

Minimal

Inflammation

Chronic, Minimal

Testes

Bilateral, Interstit Cell

Hematopoietic Cell Proliferation

Pigmentation

Minimal

Adenoma

Hemosiderin, Minimal

Thyroid Gland

Seminif Tub

Atrophy

Marked

C Cell

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 5

SEX: Male

DAY ON TEST: 494

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Thyroid Gland	Tooth	Trachea	Ureter

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Osteosarcoma	Metastatic (Spleen)
Bone Marrow	Femoral	Hyperplasia	Marked
Epididymis		Osteosarcoma	Metastatic (Spleen)
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Cecum, Colon, Rectum	Osteosarcoma	Metastatic (Spleen)
Intestine Small	Duodenum, Ileum, Jejunum	Osteosarcoma	Metastatic (Spleen)
Kidney		Osteosarcoma	Metastatic (Spleen)
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Coagulative, Mild
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Spleen)
Mesentery		Osteosarcoma	Metastatic (Spleen)
Pancreas		Osteosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
		Osteosarcoma	Metastatic (Spleen)
Seminal Vesicle		Osteosarcoma	Metastatic (Spleen)
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Osteosarcoma	
Stomach	Glandular	Osteosarcoma	Metastatic (Spleen)
Testes	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 5

SEX: Male

DAY ON TEST: 494

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Interstitial Cell	Hyperplasia Osteosarcoma	Mild Metastatic (Spleen)
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 7

SEX: Male

DAY ON TEST: 338

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Skeletal Muscle
Stomach - Glandular
Tooth

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Mesentery
Pituitary Gland
Skin
Testes
Trachea

Blood Vessel
Esophagus
Intestine Small - Duodenum
Kidney
Nose
Preputial Gland
Spinal Cord
Thymus
Ureter

Bone
Harderian Gland
Intestine Small - Ileum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland
Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Brain
Heart
Liver
Mammary Gland
Prostate
Spleen

Cerebellum

Meningioma Malignant
Cardiomyopathy
Inflammation
Hyperplasia
Inflammation
Pigmentation

Chronic, Mild
Necrotizing, Mild
Cystic, Mild
Chronic Active, Mild
Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 704

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urethra
Urinary Bladder			

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Medulla	Mineralization	Moderate
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Inflammation	Chronic Active, Minimal
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Necrotizing, Mild
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 704

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47 TRT#: 3 SEX: Male DAY ON TEST: 674
DOSE: 2 MG/KG DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Lymph Node	Pancreatic	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 5

SEX: Male

DAY ON TEST: 716

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Mandibular	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Tooth
Trachea	Urethra		

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Medulla	Fibrosarcoma Pheochromocytoma Benign	Metastatic (Spleen)
Blood		Neutrophilia	
Blood Vessel	Pulmn Artery	Fibrosarcoma	Metastatic (Spleen)
Bone Marrow	Femoral	Hyperplasia	Marked
Epididymis		Fibrosarcoma	Metastatic (Spleen)
Harderian Gland		Inflammation	Chronic, Minimal
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Intestine Small	Duodenum	Fibrosarcoma	Metastatic (Spleen)
Islets, Pancreatic		Fibrosarcoma	Metastatic (Spleen)
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Degeneration	Cystic, Mild
		Fibrosarcoma	Metastatic (Spleen)
	Bile Duct	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Minimal
Lung		Fibrosarcoma	Metastatic (Spleen)
	Mediastinum	Inflammation	Chronic Active, Moderate
Lymph Node	Mediastinal, Pancreatic	Fibrosarcoma	Metastatic (Spleen)
	Mediastinal	Pigmentation	Hemosiderin, Mild
	Pancreatic	Pigmentation	Hemosiderin, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Fibrosarcoma	Metastatic (Spleen)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Moribund	DAY ON TEST: 716 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Pancreas		Fibrosarcoma	Metastatic (Spleen)
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Skeletal Muscle	Diaphragm	Fibrosarcoma	Metastatic (Spleen)
Spleen		Fibrosarcoma	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Moderate
		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Fibrosarcoma	Metastatic (Spleen)
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Thymus		Inflammation	Chronic Active, Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Fibrosarcoma	Metastatic (Spleen)
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Epididymis
Ureter			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Preputial Gland		Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 680

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Spinal Cord
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Coagulative, Minimal
Blood		Leukemia Mononuclear	
	Bone Marrow	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
	Lymph Node	Leukemia Mononuclear	
Mammary Gland		Leukemia Mononuclear	
		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 680 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Minimal
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla Epididymis	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Parathyroid Gland	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Ureter	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Ectopic Tissue	
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Moderate
Pancreas	Acinus	Atrophy	Moderate
		Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Marked
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Interstit Cell C Cell C Cell	Hyperplasia Adenoma Hyperplasia	Minimal
Tooth	Peridont Tiss Peridont Tiss	Foreign Body Inflammation	Minimal Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 7

SEX: Male

DAY ON TEST: 476

DOSE: 6 MG/KG

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Tooth

Adrenal Gland - Medulla
Brain
Intestine Large - Rectum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Ureter

Blood Vessel
Epididymis
Intestine Small - Duodenum
Mesentery
Pituitary Gland
Skeletal Muscle
Thymus
Urinary Bladder

Bone
Harderian Gland
Islets, Pancreatic
Nose
Preputial Gland
Skin
Thyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Esophagus
Heart
Kidney

Renal Tubule

Liver
Mammary Gland
Prostate
Spleen
Testes
Trachea

Inflammation
Cardiomyopathy
Nephropathy
Pigmentation
Basophilic Focus
Hyperplasia
Inflammation
Pigmentation
Adenoma
Hyperplasia
Inflammation

Interstit Cell
Interstit Cell

Necrotizing, Marked
Chronic, Moderate
Chronic, Mild
Hemosiderin, Minimal
Cystic, Mild
Chronic Active, Mild
Hemosiderin, Mild
Mild
Necrotizing, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 584

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Mesentery	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Harderian Gland Nose

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
	Bone Marrow	Femoral	Moderate
Epididymis		Atrophy	Diffuse, Mild
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
	Kidney		Leukemia Mononuclear
		Nephropathy	Chronic, Mild
Liver	Renal Tubule	Pigmentation	Hemosiderin, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Cyst	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 1 DOSE: VEHICLE	SEX: Male DISP: Moribund	DAY ON TEST: 584 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 3

SEX: Male

DAY ON TEST: 714

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
 Seminal Vesicle
 Urethra

Adrenal Gland - Medulla
 Skeletal Muscle
 Urinary Bladder

Blood
 Skin

Bone
 Ureter

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Epididymis		Mesothelioma Malignant	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver	Bile Duct	Hyperplasia	Moderate
		Mesothelioma Malignant	
		Necrosis	Coagulative, Mild
Mesentery		Mesothelioma Malignant	
Pancreas	Acinus	Atrophy	Minimal
		Mesothelioma Malignant	
		Pigmentation	Hemosiderin, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Mesothelioma Malignant	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 5

SEX: Male

DAY ON TEST: 415

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Islets, Pancreatic
Peripheral Nerve
Skeletal Muscle
Tooth

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lymph Node - Mandibular
Pituitary Gland
Spinal Cord
Trachea

Bone
Harderian Gland
Intestine Small - Ileum
Pancreas
Salivary Glands
Stomach - Forestomach
Ureter

MISSING

Mammary Gland

Skin

Thymus

OBSERVATIONS

Bone Marrow
Heart
Intestine Large
Kidney

Liver
Lung
Lymph Node
Mesentery
Nose
Preputial Gland
Prostate
Spleen

Femoral

Rectum

Renal Tubule
Bile Duct

Pancreatic

Interstitial Cell
Interstitial Cell
C Cell

Hyperplasia
Cardiomyopathy
Parasite Metazoan
Nephropathy
Pigmentation
Hyperplasia
Granuloma
Infiltration Cellular
Inflammation
Inflammation
Inflammation
Inflammation
Fibrosis
Hematopoietic Cell Proliferation
Adenoma
Hyperplasia
Hyperplasia

Moderate
Chronic, Mild

Chronic, Minimal
Hemosiderin, Mild
Mild
Minimal
Histiocyte, Mild
Chronic, Mild
Chronic Active, Mild
Chronic Active, Minimal
Chronic Active, Mild
Moderate
Mild

Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Epididymis
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	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	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Ureter	Urinary Bladder	

MISSING

Harderian Gland	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
	Bone Marrow	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
		Pigmentation	Hemosiderin, Minimal
	Liver	Bile Duct	Moderate
			Leukemia Mononuclear
Lung		Necrosis	Coagulative, Minimal
		Leukemia Mononuclear	
	Lymph Node	Mandibular	
		Mediastinal	
		Mesenteric	
Pituitary Gland	Pars Distalis	Adenoma	
	Preputial Gland	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 3 DOSE: 2 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Mild

Cortex

Hyperplasia

Mild

Bone Marrow

Femoral

Hyperplasia

Moderate

Epididymis

Bilateral

Mesothelioma Malignant

Kidney

Renal Tubule

Nephropathy

Chronic, Mild

Bile Duct

Pigmentation

Hemosiderin, Minimal

Liver

Bile Duct

Hyperplasia

Mild

Mesentery

Inflammation

Chronic, Moderate

Necrosis

Marked

Sarcoma

Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Testes

Bilateral, Interstit Cell

Adenoma

Seminif Tub

Atrophy

Marked

Bilateral

Mesothelioma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 5

SEX: Male

DAY ON TEST: 689

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hematocyst	
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Coagulative, Moderate
		Pigmentation	Hemosiderin, Minimal
Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 5 DOSE: 18 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 689 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Mild
Spleen		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Moderate
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 7

SEX: Male

DAY ON TEST: 498

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Coagulative, Mild
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
	Femoral	Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Penis		Concretion	Moderate
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 7 DOSE: 6 MG/KG	SEX: Male DISP: Dead	DAY ON TEST: 498 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear Pigmentation	Hemosiderin, Minimal
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 2 DOSE: VEHICLE	SEX: Female DISP: Dead	DAY ON TEST: 519 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

MISSING

Intestine Small - Duodenum	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 730
DOSE: 18 MG/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
		Pigmentation	Hemosiderin, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 581 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

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

Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Inflammation	Chronic, Mild
		Necrosis	Coagulative, Mild
Lymph Node	Mediastinal	Inflammation	Suppurative, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Moderate
Uterus		Dilatation	Marked
		Polyp Stromal	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 2	SEX: Female	DAY ON TEST: 557
	DOSE: VEHICLE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Fibrosis	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
Skin		Basosquamous Tumor Benign	
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Ureter			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Dilatation	Marked
		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 18 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
Lymph Node	Bronchial	Pigmentation	Hemosiderin, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 8	SEX: Female	DAY ON TEST: 711
	DOSE: 6 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Uterus
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal

[Leukemia Mononuclear TGLS = 1-4]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: VEHICLE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 577 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Harderian Gland		Atrophy	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Infiltration Cellular	Histiocyte, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 657 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Lymph Node - Mandibular
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 2	SEX: Female	DAY ON TEST: 189
	DOSE: VEHICLE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Mammary Gland	Mesentery	Ovary	Oviduct
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Liver	Inflammation	Necrotizing, Mild
Lung	Inflammation	Chronic Active, Marked
Nose	Foreign Body	Mild
	Inflammation	Chronic Active, Moderate
Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Hemosiderin, Mild
Thymus	Necrosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Moribund	DAY ON TEST: 605 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Cyst	
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Mild
		Infiltration Cellular	Lipocyte, Mild
		Osteosarcoma	
		Pigmentation	Hemosiderin, Mild
[Osteosarcoma TGLS = 4-13]			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla
Skin

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 2	SEX: Female	DAY ON TEST: 618
	DOSE: VEHICLE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	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	Mammary Gland	Mesentery	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

MISSING

Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain		Hydrocephalus	Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Ovary		Granulosa-Theca Tumor Benign	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	

MISSING

Clitoral Gland	Parathyroid Gland		
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Oviduct
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Necrotizing, Minimal
		Inflammation	Chronic, Mild
Ovary		Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Mesentery	Ovary	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Nose		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 18 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

INSUFFICIENT TISSUE

Bone Marrow

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Cyst	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic Active, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Skin	Uterus
OBSERVATIONS			
Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia	Fatty, Mild Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Moderate
Eye	Retina Lens	Atrophy Cataract	Moderate Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Minimal Hemosiderin, Mild
Liver		Basophilic Focus Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation Pigmentation	Moderate Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: VEHICLE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	Multiple
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
		Ectopic Tissue	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Lymph Node
Pancreas	Skin		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8 TRT#: 4 SEX: Female DAY ON TEST: 723
DOSE: 2 MG/KG DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone

Lymph Node

Skin

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Minimal

Cortex

Hyperplasia

Mild

Blood

Neutrophilia

Bone Marrow

Femoral

Hyperplasia

Marked

Eye

Retina

Atrophy

Moderate

Lens

Cataract

Moderate

Kidney

Nephropathy

Chronic, Mild

Renal Tubule

Pigmentation

Hemosiderin, Minimal

Liver

Basophilic Focus

Chronic, Minimal

Salivary Glands

Inflammation

Metastatic (Zymbal'S Gland)

Spleen

Carcinoma

Mild

Zymbal's Gland

Hematopoietic Cell Proliferation

Hemosiderin, Mild

Pigmentation

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 18 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lymph Node	Pancreatic	Pigmentation	Hemosiderin, Moderate
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 8	SEX: Female	DAY ON TEST: 629
	DOSE: 6 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Small - Duodenum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9	TRT#: 2	SEX: Female	DAY ON TEST: 482
	DOSE: VEHICLE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Pancreas	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Harderian Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Esophagus		Foreign Body	Marked
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 664 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mandibular	Salivary Glands
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 18 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 644 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Liver
Lung	Lymph Node - Mandibular	Nose	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Pancreas	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Carcinoma	
Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 8

SEX: Female

DAY ON TEST: 605

DOSE: 6 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder

INSUFFICIENT TISSUE

Blood

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Clitoral Gland		Adenoma	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Lymph Node	Renal	Cyst	
	Renal	Inflammation	Chronic Active, Moderate
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Skin		Inflammation	Necrotizing, Marked
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 2

SEX: Female

DAY ON TEST: 537

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Blood Vessel

Bone

Bone Marrow

Brain

Clitoral Gland

Intestine Large - Colon

Intestine Small - Duodenum

Islets, Pancreatic

Kidney

Lymph Node - Mandibular

Mammary Gland

Mesentery

Nose

Ovary

Pancreas

Salivary Glands

Skeletal Muscle

Skin

Stomach - Forestomach

Stomach - Glandular

Tooth

Trachea

Ureter

Urinary Bladder

Uterus

MISSING

Harderian Gland

Parathyroid Gland

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Large - Rectum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Esophagus

Foreign Body

Marked

Heart

Cardiomyopathy

Chronic, Mild

Liver

Basophilic Focus

Bile Duct

Hyperplasia

Mild

Pituitary Gland

Pars Distalis

Hyperplasia

Mild

Spleen

Hematopoietic Cell Proliferation

Minimal

Thyroid Gland

C Cell

Pigmentation

Hemosiderin, Mild

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Skin

Blood
Ureter

Bone

Bone Marrow

OBSERVATIONS

Adrenal Gland

Cortex

Cyst

Cortex

Degeneration

Fatty, Minimal

Cortex

Hyperplasia

Mild

Cortex

Hypertrophy

Mild

Eye

Retina

Atrophy

Moderate

Lens

Cataract

Moderate

Kidney

Renal Tubule

Pigmentation

Hemosiderin, Mild

Liver

Hepatodiaphragmatic Nodule

Mammary Gland

Fibroadenoma

Multiple

Pituitary Gland

Pars Distalis

Angiectasis

Marked

Pars Distalis

Hyperplasia

Mild

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	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	Mesentery
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Harderian Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Marked
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla
Ureter

Blood

Bone

OBSERVATIONS

Kidney

Renal Tubule

Nephropathy
Pigmentation
Basophilic Focus
Inflammation

Chronic, Mild
Hemosiderin, Mild

Liver

Pituitary Gland

Pars Distalis
Pars Distalis

Atypia Cellular
Cyst

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation
Pigmentation

Moderate
Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Clitoral Gland		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Inflammation	Chronic Active, Marked
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Kidney	Renal Tubule	Nephropathy	Chronic, Mild
		Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: p-Chloroaniline hydrochloride
 CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
 Time Report Requested: 21:29:45
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 12	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Moribund	DAY ON TEST: 619 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Ovary	Skin	Thymus
Tooth	Trachea	Uterus	

MISSING

Parathyroid Gland			
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Blood Vessel	Mesent Artery	Inflammation	Chronic Active, Marked
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Mild
Heart		Cardiomyopathy	Chronic, Minimal
		Inflammation	Chronic Active, Mild
Intestine Large	Colon	Inflammation	Chronic Active, Mild
Kidney		Inflammation	Chronic Active, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
Lung	Mediastinum	Inflammation	Chronic Active, Moderate
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Marked
Pancreas		Inflammation	Chronic, Marked
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Nervosa	Hyperplasia	Glandular, Mild
Salivary Glands		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12

TRT#: 6

SEX: Female

DAY ON TEST: 619

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		Inflammation	Chronic Active, Marked
		Pigmentation	Hemosiderin, Moderate
Stomach	Forestomach	Inflammation	Chronic Active, Moderate
	Glandular	Inflammation	Chronic Active, Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Urinary Bladder		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 6 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone
Salivary Glands

Adrenal Gland - Medulla
Esophagus
Skin

Blood
Lymph Node - Mandibular
Trachea

Blood Vessel
Oviduct

OBSERVATIONS

Bone Marrow
Eye

Kidney

Liver
Mammary Gland

Ovary
Pituitary Gland
Spleen

Femoral
Retina
Lens

Renal Tubule

Pars Distalis

Hyperplasia
Atrophy
Cataract
Nephropathy
Pigmentation
Basophilic Focus
Fibroadenoma
Hyperplasia
Cyst
Adenoma
Hematopoietic Cell Proliferation
Pigmentation

Reticulum Cell, Marked
Moderate
Moderate
Chronic, Mild
Hemosiderin, Mild

Cystic, Moderate

Marked
Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Small - Duodenum	Islets, Pancreatic
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

MISSING

Intestine Small - Ileum	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Ovary	Oviduct	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Vacuolization Cytoplasmic	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Bone Marrow	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain		Compression	
Clitoral Gland		Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Ovary	Oviduct	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
Thyroid Gland	Bilateral, C Cell	Adenoma	
Uterus		Dilatation	Moderate
	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
	Femoral	Hyperplasia	Reticulum Cell, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Harderian Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Mesentery		Inflammation	Chronic, Minimal
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Uterus

C Cell

Pigmentation
Hyperplasia
Dilatation
Hemorrhage

Hemosiderin, Mild
Mild
Marked
Chronic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 8

SEX: Female

DAY ON TEST: 574

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Harderian Gland	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
	Femoral	Hyperplasia	Reticulum Cell, Moderate
Esophagus		Foreign Body	Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
Lung		Inflammation	Chronic Active, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood
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INSUFFICIENT TISSUE

Bone	Bone Marrow
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OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Clitoral Gland		Atrophy	Moderate
		Cataract	Moderate
Eye	Retina	Cardiomyopathy	Chronic, Mild
	Lens	Nephropathy	Chronic, Minimal
Heart		Pigmentation	Hemosiderin, Moderate
		Basophilic Focus	
		Inflammation	Chronic, Moderate
Kidney		Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Mild
Liver		Hyperplasia	Mild
		Fibrosis	Mild
Mammary Gland		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Nose		Hyperplasia	Mild
Pituitary Gland	Pars Distalis		
Spleen			
Thyroid Gland	C Cell		
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Kidney	Renal Tubule	Nephropathy	Chronic, Minimal
		Pigmentation	Hemosiderin, Mild
Liver	Pars Distalis	Basophilic Focus	Chronic, Mild
		Inflammation	
		Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 2

SEX: Female

DAY ON TEST: 637

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Mesentery	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

OBSERVATIONS

Esophagus		Foreign Body	Marked
Eye		Inflammation	Chronic, Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Inflammation	Chronic, Moderate
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
	Mandibular	Infiltration Cellular	Histiocyte, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Ovary	Oviduct	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mesentery
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

MISSING

Bone Marrow

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Marked
Lymph Node	Mediastinal	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Spleen	Capsule	Cyst	
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Uterus

C Cell

Pigmentation
Hyperplasia
Polyp Stromal

Hemosiderin, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Skin			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17 TRT#: 2 SEX: Female DAY ON TEST: 729
DOSE: VEHICLE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Oviduct
Pancreas	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Ureter	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Moderate Hemosiderin, Mild
Liver		Basophilic Focus Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Mesentery	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	Multiple
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Ovary	Oviduct	

OBSERVATIONS

Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
OBSERVATIONS			
Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Moribund	DAY ON TEST: 688 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Bone Marrow	Adrenal Gland - Medulla	Blood	Bone
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OBSERVATIONS

Eye	Retina	Atrophy	Moderate
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Subcut Tiss	Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation Pigmentation	Marked Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 6	SEX: Female	DAY ON TEST: 595
	DOSE: 18 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Ovary	Oviduct	Pancreas
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Harderian Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
Vagina		Polyp	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla
Skin

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 714

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Leukemia Mononuclear	
	Renal Tubule	Nephropathy	Chronic, Minimal
	Bile Duct	Pigmentation	Hemosiderin, Minimal
Liver		Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 2

SEX: Female

DAY ON TEST: 714

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Carcinoma

C Cell

Hyperplasia

Mild

Uterus

Endometrium

Hyperplasia

Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Mesentery
Pancreas
Skin
Thyroid Gland
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Colon
Islets, Pancreatic
Nose
Parathyroid Gland
Stomach - Forestomach
Tooth
Uterus

Blood Vessel
Esophagus
Intestine Large - Rectum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Trachea

Bone
Harderian Gland
Intestine Small - Duodenum
Lymph Node - Mandibular
Oviduct
Skeletal Muscle
Thymus
Ureter

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Bone Marrow
Heart
Kidney

Liver

Mammary Gland
Pituitary Gland
Spleen

Femoral

Renal Tubule

Pars Distalis

Hyperplasia
Cardiomyopathy
Nephropathy
Pigmentation
Basophilic Focus
Inflammation
Hyperplasia
Adenoma
Fibrosis
Hematopoietic Cell Proliferation
Infiltration Cellular
Pigmentation

Moderate
Chronic, Mild
Chronic, Minimal
Hemosiderin, Moderate

Chronic, Mild
Cystic, Marked

Mild
Moderate
Lipocyte, Moderate
Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 8	SEX: Female	DAY ON TEST: 553
	DOSE: 6 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Harderian Gland	Heart
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Brain		Compression	
Esophagus		Foreign Body	Marked
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 2

SEX: Female

DAY ON TEST: 369

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Skin
Thymus
Urinary Bladder

Adrenal Gland - Medulla
Brain
Intestine Small - Duodenum
Liver
Nose
Pituitary Gland
Spinal Cord
Thyroid Gland
Uterus

Blood Vessel
Clitoral Gland
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Stomach - Forestomach
Tooth

Bone
Esophagus
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skeletal Muscle
Stomach - Glandular
Trachea

MISSING

Harderian Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Heart
Intestine Large
Kidney
Spleen

Colon
Renal Tubule

Cardiomyopathy
Parasite Metazoan
Pigmentation
Hematopoietic Cell Proliferation
Pigmentation

Chronic, Mild
Hemosiderin, Minimal
Mild
Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Skin	Ureter	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Ureter	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Moribund	DAY ON TEST: 721 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Lymph Node - Mandibular	Salivary Glands	Skin	

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Necrosis	Coagulative, Marked
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Nose		Osteosarcoma	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla
Ureter

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
	Cornea	Inflammation	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
		Inflammation	Chronic, Minimal
Mesentery		Inflammation	Chronic, Moderate
		Necrosis	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mesentery	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
	Femoral	Hyperplasia	Reticulum Cell, Mild
Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Esophagus	Lymph Node	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung	Mediastinum	Inflammation	Chronic Active, Marked
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 200

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Mesentery	Nose	Ovary	Pancreas
Peripheral Nerve	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Minimal
Blood		Lymphopenia	
		Neutropenia	
Bone Marrow	Femoral	Atrophy	Marked
Kidney		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Lung		Hemorrhage	Acute, Mild
Lymph Node	Mandibular	Necrosis	Marked
	Mediastinal	Necrosis	Marked
	Mesenteric	Necrosis	Moderate
Spleen		Depletion Lymphoid	Mild
		Fibrosis	Moderate
		Necrosis	Marked
Thymus		Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 4	SEX: Female	DAY ON TEST: 140
	DOSE: 2 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Mesentery
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Mammary Gland	Nose	Trachea

OBSERVATIONS

Spleen		Hematopoietic Cell Proliferation Pigmentation	Mild Hemosiderin, Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Blood Vessel	Mesent Artery	Inflammation	Chronic Active, Moderate
Brain		Compression	
		Hydrocephalus	Mild
Clitoral Gland		Inflammation	Chronic Active, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
		Vacuolization Cytoplasmic	Moderate
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Moderate
		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach	Inflammation	Chronic Active, Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 8

SEX: Female

DAY ON TEST: 520

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large - Rectum	Intestine Small - Duodenum	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Uterus	

MISSING

Parathyroid Gland	Urinary Bladder
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum Islets, Pancreatic	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Brain		Compression	
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 2

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Thymus	Tooth	Trachea	Ureter
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Adenocarcinoma	Metastatic (Uterus)
	Cortex	Degeneration	Fatty, Mild
	Cortex	Necrosis	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Small	Duodenum	Adenocarcinoma	Metastatic (Uterus)
Kidney		Adenocarcinoma	Metastatic (Uterus)
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver	Artery	Adenocarcinoma	Metastatic (Uterus)
		Degeneration	Fatty, Marked
		Leukemia Mononuclear	
Lung		Adenocarcinoma	Metastatic (Uterus)
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Adenocarcinoma	Metastatic (Uterus)
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Adenocarcinoma	Metastatic (Uterus)
		Leukemia Mononuclear	
Ovary	Bilateral	Adenocarcinoma	Metastatic (Uterus)
Pancreas		Adenocarcinoma	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 2 DOSE: VEHICLE	SEX: Female DISP: Dead	DAY ON TEST: 701 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Spleen		Adenocarcinoma	Metastatic (Uterus)
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Moderate
	Glandular	Adenocarcinoma	Metastatic (Uterus)
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue		Squamous Cell Papilloma	
Uterus		Adenocarcinoma	
		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Glandular, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 716 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Esophagus
Lymph Node - Mandibular	Salivary Glands	Thymus	Trachea
Ureter			

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lymph Node	Mandibular	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla
Ureter

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 722
DOSE: VEHICLE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Harderian Gland	Intestine Small - Duodenum	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Intestine Large - Cecum	Intestine Large - Rectum
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Esophagus		Foreign Body	Moderate
Heart		Cardiomyopathy	Chronic, Minimal
	Valve	Inflammation	Chronic Active, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney	Renal Tubule	Nephropathy	Chronic, Mild
		Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 18 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Tooth
Trachea			

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Adenocarcinoma	Metastatic (Uterus)
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Necrosis	Coagulative, Moderate
Lung		Adenocarcinoma	Metastatic (Uterus)
Lymph Node	Mediastinal	Adenocarcinoma	Metastatic (Uterus)
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Adenocarcinoma	Metastatic (Uterus)
Pancreas		Adenocarcinoma	Metastatic (Uterus)
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Adenocarcinoma	Metastatic (Uterus)
		Fibrosis	Mild
Uterus		Adenocarcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Bone Marrow	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Brain		Astrocytoma Benign	
		Thrombosis	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mesentery		Inflammation	Chronic, Marked
		Necrosis	Marked
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
 Test Type: CHRONIC
 Route: DOSED FEED
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: p-Chloroaniline hydrochloride
 CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
 Time Report Requested: 21:29:45
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 26	TRT#: 6 DOSE: 18 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Clitoral Gland		Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Inflammation	Chronic, Mild
		Necrosis	Marked
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 8	SEX: Female	DAY ON TEST: 731
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

Ureter

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Mild

Bone Marrow

Femoral

Hyperplasia

Moderate

Intestine Large

Colon

Inflammation

Necrotizing, Marked

Kidney

Renal Tubule

Nephropathy

Chronic, Minimal

Liver

Pigmentation

Hemosiderin, Mild

Basophilic Focus

Inflammation

Necrotizing, Mild

Lymph Node

Mesenteric

Cyst

Mesenteric

Edema

Marked

Mesenteric

Hemorrhage

Moderate

Spleen

Hematopoietic Cell Proliferation

Minimal

Uterus

Pigmentation

Hemosiderin, Mild

Dilatation

Marked

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 2
DOSE: VEHICLE

SEX: Female
DISP: Moribund

DAY ON TEST: 605
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Oviduct

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Brain		Hydrocephalus	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Inflammation	Chronic Active, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Lymph Node
Ovary	Oviduct	Skin	Thymus
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Minimal
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
		[Leukemia Mononuclear TGLS = 1-11]	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 701 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-4]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 5-13]			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Necrotizing, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	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	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
	Femoral	Hyperplasia	Reticulum Cell, Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Spleen		Fibrosis	Moderate
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
Skin			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 2
DOSE: VEHICLE

SEX: Female
DISP: Dead

DAY ON TEST: 662
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Compression	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Ovary	Oviduct		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 6

SEX: Female

DAY ON TEST: 526

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Oviduct
Skeletal Muscle
Thymus
Urinary Bladder

Blood
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Mesentery
Pancreas
Skin
Thyroid Gland
Uterus

Blood Vessel
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Parathyroid Gland
Stomach - Forestomach
Tooth

MISSING

Harderian Gland

OBSERVATIONS

Brain

Compression
Hydrocephalus
Pigmentation
Inflammation
Hyperplasia
Adenoma
Hematopoietic Cell Proliferation
Pigmentation

Moderate
Hemosiderin, Mild
Chronic, Mild
Cystic, Moderate
Mild
Hemosiderin, Moderate

Kidney

Renal Tubule

Liver

Mammary Gland

Pituitary Gland

Pars Distalis

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Oviduct
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mesentery		Inflammation	Chronic, Mild
Ovary		Cyst	
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Dilatation	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
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	Mesentery	Nose
Ovary	Oviduct	Pancreas	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

MISSING

Clitoral Gland	Harderian Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Compression	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	Multiple

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Harderian Gland	Skin		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Lipoma	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
	Femoral	Hyperplasia	Reticulum Cell, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Tooth		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
OBSERVATIONS			
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 612

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Oviduct

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Moderate
Brain		Compression	
Heart		Cardiomyopathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31 TRT#: 4 SEX: Female DAY ON TEST: 732
DOSE: 2 MG/KG DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla Blood Bone Oviduct
Skin

MISSING

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Ovary		Granulosa-Theca Tumor Benign	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Brain		Compression	
		Hydrocephalus	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Adenoma	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 539 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Small - Duodenum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Uterus	

MISSING

Intestine Small - Ileum

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex Cortex	Accessory Adrenal Cortical Nodule Hyperplasia	Mild
Brain		Compression	
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma Hyperplasia	Cystic, Mild
Pancreas		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 32

TRT#: 2

SEX: Female

DAY ON TEST: 630

DOSE: VEHICLE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Clitoral Gland	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Oviduct

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Brain		Compression	
		Hydrocephalus	Mild
Esophagus		Foreign Body	Marked
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
Lung		Inflammation	Chronic Active, Mild
Lymph Node	Mesenteric	Edema	Mild
	Mesenteric	Hemorrhage	Mild
	Mesenteric	Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Pituitary Gland
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Mandibular	Salivary Glands
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
	Femoral	Hyperplasia	Marked
Clitoral Gland		Adenoma	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Marked
Pancreas	Acinus	Atrophy	Minimal
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Minimal
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: 2 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

Skin

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
Intestine Large	Cecum	Inflammation	Chronic Active, Marked
	Cecum	Parasite Metazoan	
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
		Basophilic Focus	
Liver		Inflammation	Chronic, Mild
		Cyst	
Lymph Node	Mesenteric	Ectasia	Mild
	Mesenteric	Fibroadenoma	
Mammary Gland	Pars Distalis	Hyperplasia	Mild
Pituitary Gland		Hematopoietic Cell Proliferation	Moderate
Spleen		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	Multiple
Spleen	Capsule	Cyst	
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Bone Marrow

Femoral

Hyperplasia

Mild

Eye

Retina

Atrophy

Moderate

Lens

Cataract

Moderate

Kidney

Nephropathy

Chronic, Minimal

Renal Tubule

Pigmentation

Hemosiderin, Mild

Liver

Basophilic Focus

Inflammation

Chronic, Moderate

Spleen

Hematopoietic Cell Proliferation

Pigmentation

Mild

Hemosiderin, Mild

Thyroid Gland

C Cell

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 2
DOSE: VEHICLE

SEX: Female
DISP: Dead

DAY ON TEST: 544
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder		

MISSING

Harderian Gland	Oviduct
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Chronic, Minimal
Kidney	Renal Tubule	Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Ovary		Cyst	
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 2
DOSE: VEHICLE

SEX: Female
DISP: Dead

DAY ON TEST: 544
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Leukemia Mononuclear	
Spleen	Hematopoietic Cell Proliferation	Mild
	Leukemia Mononuclear	
Thymus	Leukemia Mononuclear	
Thyroid Gland	Leukemia Mononuclear	
Uterus	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood

Bone

Skin

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
	Femoral	Hyperplasia	Reticulum Cell, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland		Inflammation	Chronic Active, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 8	SEX: Female	DAY ON TEST: 626
	DOSE: 6 MG/KG	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

MISSING

Intestine Large - Rectum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Necrotizing, Moderate
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 2 DOSE: VEHICLE	SEX: Female DISP: Moribund	DAY ON TEST: 529 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Harderian Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Leukemia Mononuclear	
Eye	Retina	Atrophy	Mild
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Necrosis	Coagulative, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Bone Marrow	Adrenal Gland - Medulla	Blood	Bone
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OBSERVATIONS

Eye	Retina Lens	Atrophy Cataract	Moderate Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Minimal Hemosiderin, Mild
Liver		Basophilic Focus Inflammation Vacuolization Cytoplasmic	Chronic, Mild Minimal
Pituitary Gland Spleen	Pars Distalis	Hyperplasia Hematopoietic Cell Proliferation Pigmentation	Mild Mild Hemosiderin, Mild
Uterus		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 6	SEX: Female	DAY ON TEST: 511
	DOSE: 18 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Dilatation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex Bone Marrow	Adrenal Gland - Medulla	Blood	Bone
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OBSERVATIONS

Eye	Retina Lens	Atrophy Cataract	Moderate Moderate
Kidney	Renal Tubule	Nephropathy Pigmentation	Chronic, Mild Hemosiderin, Mild
Liver		Basophilic Focus Hepatodiaphragmatic Nodule Inflammation	Chronic, Moderate
Spleen	Intima, Portal Vein	Proliferation Hematopoietic Cell Proliferation Pigmentation	Mild Mild Hemosiderin, Mild
Tongue		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: VEHICLE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 4

SEX: Female

DAY ON TEST: 605

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

OBSERVATIONS

Brain		Compression	
		Hydrocephalus	Marked
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Ovary	Oviduct	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Harderian Gland		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney	Renal Tubule	Nephropathy	Chronic, Minimal
		Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Fibrosis	Moderate
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Endometrium

Hyperplasia
Polyp Stromal

Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Harderian Gland		

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-4]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 732
DOSE: VEHICLE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Ovary	Oviduct		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	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	Mesentery	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood		Neutrophilia	
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Minimal
	Femoral	Hyperplasia	Mild
Clitoral Gland		Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
	Antr Chamber	Inflammation	Suppurative, Mild
Harderian Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Moderate
		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Bone	Bone Marrow
Intestine Large - Cecum			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Inflammation	Chronic, Mild
Mesentery		Lipoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic Active, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skeletal Muscle		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Bone Marrow

Femoral

Hyperplasia

Mild

Kidney

Renal Tubule

Pigmentation

Hemosiderin, Mild

Liver

Basophilic Focus

Inflammation

Chronic, Minimal

Spleen

Hematopoietic Cell Proliferation

Pigmentation

Mild

Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 731
DOSE: 18 MG/KG **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Cyst	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Mild
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Cyst	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
OBSERVATIONS			
Adrenal Gland	Cortex	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Dilatation	Marked
	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

MISSING

Skeletal Muscle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Chronic, Minimal
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Tooth	Trachea	Ureter	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Moderate
	Femoral	Leukemia Mononuclear	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Mild
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Moderate
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Moribund	DAY ON TEST: 617 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Inflammation	Chronic Active, Mild
	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
	Glandular	Necrosis	Coagulative, Moderate
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
	Femoral	Hyperplasia	Reticulum Cell, Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Ovary	Oviduct	Ureter	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 40

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Harderian Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus		Adenocarcinoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Moderate
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 8	SEX: Female	DAY ON TEST: 594
	DOSE: 6 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Harderian Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder
Uterus			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Brain		Compression	
Esophagus		Foreign Body	Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 2	SEX: Female	DAY ON TEST: 400
	DOSE: VEHICLE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Harderian Gland
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Peripheral Nerve
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spinal Cord	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum
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OBSERVATIONS

Esophagus		Foreign Body	Marked
Heart		Cardiomyopathy	Chronic, Minimal
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	
Spleen		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla
Skin

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	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	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Blood		Neutrophilia	
Brain		Compression	
		Hydrocephalus	Mild
Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Harderian Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Necrotizing, Mild
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Skin			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 6	SEX: Female	DAY ON TEST: 552
	DOSE: 18 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Mesentery
Nose	Ovary	Oviduct	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

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

Harderian Gland		Inflammation	Chronic, Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Lymph Node	Mediastinal	Infiltration Cellular	Histiocyte, Moderate
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Pancreas			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Ureter	Urinary Bladder	Uterus

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Moderate
Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
Mammary Gland		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Dead	DAY ON TEST: 693 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Thyroid Gland
Trachea	Ureter		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Esophagus		Foreign Body	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Neoplastic Nodule	
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Neurofibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 6

SEX: Female

DAY ON TEST: 688

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
	Femoral	Hyperplasia	Reticulum Cell, Minimal
Eye	Retina	Atrophy	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney	Renal Tubule	Nephropathy	Chronic, Minimal
		Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
		Inflammation	Chronic, Minimal
Mesentery		Inflammation	Suppurative, Moderate
Nose	Nasolacrim Dct		
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 8	SEX: Female	DAY ON TEST: 730
	DOSE: 6 MG/KG	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Blood

Bone

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Bone Marrow

Femoral

Hyperplasia

Reticulum Cell, Mild

Femoral

Hyperplasia

Mild

Eye

Retina

Atrophy

Moderate

Lens

Cataract

Moderate

Kidney

Nephropathy

Chronic, Mild

Renal Tubule

Pigmentation

Hemosiderin, Mild

Liver

Basophilic Focus

Pituitary Gland

Pars Distalis

Adenoma

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 2
DOSE: VEHICLE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Neoplastic Nodule	
Lymph Node	Mesenteric	Edema	Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth		Inflammation	Chronic Active, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Skin

Adrenal Gland - Medulla
Ureter

Blood

Bone

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 6

SEX: Female

DAY ON TEST: 665

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mesentery	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Tooth	Trachea	Ureter
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
Bone Marrow	Femoral	Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Pigmentation	Hemosiderin, Mild
		Sarcoma	Metastatic (Skin)
Lung		Sarcoma	Metastatic (Skin)
Lymph Node	Mediastinal	Sarcoma	Metastatic (Skin)
Mammary Gland		Hyperplasia	Cystic, Moderate
		Sarcoma	Metastatic (Skin)
Pituitary Gland	Pars Distalis	Adenoma	
Skeletal Muscle		Sarcoma	Metastatic (Skin)
Skin	Subcut Tiss	Sarcoma	
Spleen		Fibrosis	Marked
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 6

SEX: Female

DAY ON TEST: 665

DOSE: 18 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood

Bone

Skin

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Minimal

Bone Marrow

Femoral

Hyperplasia

Mild

Eye

Retina

Atrophy

Moderate

Kidney

Renal Tubule

Nephropathy

Chronic, Mild

Pigmentation

Hemosiderin, Mild

Liver

Basophilic Focus

Mammary Gland

Fibroadenoma

Multiple

Hyperplasia

Cystic, Mild

Ovary

Cyst

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 2 DOSE: VEHICLE	SEX: Female DISP: Dead	DAY ON TEST: 658 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Harderian Gland	Heart	Intestine Large - Colon	Intestine Small - Duodenum
Oviduct	Parathyroid Gland	Skeletal Muscle	Skin
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow	Femoral	Hyperplasia	Marked
Clitoral Gland		Inflammation	Chronic Active, Minimal
Islets, Pancreatic		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 2 DOSE: VEHICLE	SEX: Female DISP: Dead	DAY ON TEST: 658 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen [Leukemia Mononuclear TGLS = 2-11]		Leukemia Mononuclear
Stomach	Forestomach Glandular	Leukemia Mononuclear Leukemia Mononuclear
Uterus		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 45

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 2 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Bone	Lymph Node - Mesenteric
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Clitoral Gland		Adenoma	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mesentery
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Femoral	Hyperplasia	Marked
Clitoral Gland		Adenoma	
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Marked
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Cyst	
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Ureter
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Uterus		Dilatation	Mild
		Inflammation	Chronic Active, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Ovary	Oviduct		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart	Endocardium	Proliferation	Marked
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Ovary
Oviduct	Pancreas	Salivary Glands	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
		Inflammation	Chronic, Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Skin	Subcut Tiss	Fibroma	
		[Fibroma TGLS = 7-12]	
Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lipocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Pigmentation
Hyperplasia

Hemosiderin, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46

TRT#: 8

SEX: Female

DAY ON TEST: 332

DOSE: 6 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Lymph Node - Mandibular
Pancreas
Skeletal Muscle
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Small - Duodenum
Mesentery
Parathyroid Gland
Skin
Thymus
Ureter

Blood Vessel
Esophagus
Islets, Pancreatic
Nose
Pituitary Gland
Spinal Cord
Thyroid Gland
Urinary Bladder

Bone
Harderian Gland
Lung
Ovary
Salivary Glands
Stomach - Forestomach
Tooth

MISSING

Intestine Large - Rectum

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow

Heart
Kidney
Liver
Mammary Gland
Spleen

Uterus

Femoral
Femoral

Renal Tubule

Hyperplasia
Hyperplasia
Cardiomyopathy
Pigmentation
Inflammation
Hyperplasia
Hematopoietic Cell Proliferation
Pigmentation
Polyp Stromal

Marked
Reticulum Cell, Mild
Chronic, Minimal
Hemosiderin, Minimal
Chronic, Mild
Cystic, Mild
Mild
Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 2	SEX: Female	DAY ON TEST: 209
	DOSE: VEHICLE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Mesentery	Nose	Ovary	Oviduct
Pancreas	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Spleen	Pigmentation	Hemosiderin, Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Ovary
Oviduct	Ureter		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Mild
	Femoral	Hyperplasia	Reticulum Cell, Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 6	SEX: Female	DAY ON TEST: 616
	DOSE: 18 MG/KG	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Esophagus	Harderian Gland	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mesentery	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

MISSING

Oviduct

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
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OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Marked
Clitoral Gland		Adenoma	
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen	Capsule	Cyst	
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow

Adrenal Gland - Medulla

Blood

Bone

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Spleen		Fibrosarcoma	
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:45

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 2

SEX: Female

DAY ON TEST: 80

DOSE: VEHICLE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Oviduct
Salivary Glands
Stomach - Glandular
Tooth

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mesentery
Pancreas
Skeletal Muscle
Thymus
Trachea

Blood Vessel
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Parathyroid Gland
Skin
Thyroid Gland
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Kidney
Ovary
Pituitary Gland
Stomach - Forestomach
Tongue
Uterus

OBSERVATIONS

Esophagus
Harderian Gland
Liver
Lung
Lymph Node
Pharynx
Spleen

Mediastinum
Mandibular

Inflammation
Inflammation
Inflammation
Inflammation
Hemorrhage
Inflammation
Hematopoietic Cell Proliferation
Pigmentation

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 2 MG/KG

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Esophagus	Intestine Large - Colon
Pancreas	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Blood		Leukemia Mononuclear	
Bone Marrow	Femoral	Atrophy	Marked
	Femoral	Hemorrhage	Acute, Marked
Clitoral Gland		Hyperplasia	Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Minimal
Thymus		Leukemia Mononuclear	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Fibrosis	Moderate
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Uterus		Fibroma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Harderian Gland	Trachea		

OBSERVATIONS

Bone Marrow	Femoral	Hyperplasia	Mild
Clitoral Gland	Duct	Dilatation	Moderate
		Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Blood Vessel
Bone	Bone Marrow	Brain	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Mesentery	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Heart	Coron Artery	Inflammation	Chronic Active, Marked
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
Lung		Inflammation	Chronic Active, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Glandular, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Chloroaniline hydrochloride

CAS Number: 20265-96-7

Date Report Requested: 10/16/2014

Time Report Requested: 21:29:46

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 49

TRT#: 4

SEX: Female

DAY ON TEST: 428

DOSE: 2 MG/KG

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Harderian Gland
Kidney
Ovary
Salivary Glands
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Lung
Pancreas
Skeletal Muscle
Thymus
Ureter

Blood Vessel
Clitoral Gland
Intestine Small - Jejunum
Lymph Node - Mandibular
Peripheral Nerve
Skin
Thyroid Gland
Urinary Bladder

Bone
Esophagus
Islets, Pancreatic
Nose
Pituitary Gland
Spinal Cord
Tooth
Uterus

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Stomach - Glandular

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Heart

Liver
Mammary Gland
Spleen

Coron Artery

Cardiomyopathy
Inflammation
Basophilic Focus
Hyperplasia
Hematopoietic Cell Proliferation
Pigmentation

Chronic, Mild
Chronic Active, Mild

Cystic, Mild
Mild
Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Reticulum Cell, Mild
	Femoral	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Heart		Cardiomyopathy	Chronic, Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Inflammation	Chronic, Mild
Spleen		Fibrosis	Mild
		Infiltration Cellular	Lipocyte, Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 18 MG/KG

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: VEHICLE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mesentery	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Ureter	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Chronic Active, Minimal
Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 4 DOSE: 2 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood	Bone	Bone Marrow
Skin			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 529
DOSE: 18 MG/KG **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mesentery	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder
Uterus			

MISSING

Harderian Gland	Oviduct
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Femoral	Hyperplasia	Marked
Heart		Cardiomyopathy	Chronic, Mild
Kidney	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
Lung		Granuloma	Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
	Pars Nervosa	Hyperplasia	Glandular, Mild
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Hemosiderin, Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05020-01
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Chloroaniline hydrochloride
CAS Number: 20265-96-7

Date Report Requested: 10/16/2014
Time Report Requested: 21:29:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 8 DOSE: 6 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Skin	Ureter	

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Hemosiderin, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****