

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

C Number:	C54886
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Cortex	Cyst, Nos	
		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Lymph node	Mandibular Lymph Node	Plasmacytosis	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
	Tubule	Pigmentation, Nos	
Liver		Cytoplasmic Vacuolization	
	Centrilobular	Necrosis, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Zymbal gland		Squamous Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Cortex	Cyst, Nos	
		Nephropathy	
	Tubule	Pigmentation, Nos	
Liver	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Skin		Basal-Cell Carcinoma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Liver		Cytoplasmic Vacuolization	
Stomach	Cardiac Gland	Dysplasia, Nos	
Testis		Interstitial-Cell Tumor	
Tongue	Dorsum Of Tongue Nos	Squamous Cell Papilloma	
Unspecified	Multiple Organs Nos	Mesothelioma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_006	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney	Tubule	Nephropathy	
	Bile Duct	Pigmentation, Nos	
Liver	Centrilobular	Hyperplasia, Focal	
		Necrosis, Focal	
Pituitary gland		Adenoma, Nos	
Spleen	Red Pulp	Hematopoiesis	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Centrilobular	Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Epicardium	Hyperplasia, Focal	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Pancreas		Dilatation, Ducts	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_010	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Testis		Hemangiosarcoma	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Centrilobular	Degeneration, Nos	
Lung		Perivascularitis	
Lymph node	Mesenteric Lymph Node	Inflammation, Multifocal	
	Mandibular Lymph Node	Plasmacytosis	
Pituitary gland	Anterior Pituitary	Cyst, Nos	
Stomach	Fundus	Hyperplasia, Lymphoid	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Head	Fibrosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_012	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Brain	Cerebrum	Hemorrhage	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Pituitary gland	Anterior Pituitary	Cyst, Embryonal Duct	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Clear-Cell Change	
	Centrilobular	Degeneration, Nos	
	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_014	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Colon	Parasitism	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Pituitary gland	Anterior Pituitary	Cyst, Embryonal Duct	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule	
Pancreas	Islets	Hyperplasia, Focal	
Skin	Lip Nos	Keratoacanthoma	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Esophagus		Inflammation, Acute/Chronic	
Kidney		Nephropathy	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney	Tubule	Mineralization	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_018	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Kidney Liver Mammary gland Spleen	Periportal	Nephropathy Metamorphosis, Fatty Cyst, Multiple Fibrosis, Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_019	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Pancreas	Acinus	Atrophy, Focal	
Spleen		Depletion, Lymphoid	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_020	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Colon	Hyperplasia, Lymphoid	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_021	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland Testis	Mammary Acinus	Fibroadenoma Hyperplasia, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_022	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Lung		Inflammation, Acute/Chronic	
Lymph node	Mesenteric Lymph Node	Inflammation, Multifocal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Spleen		Depletion, Lymphoid	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Cortex	Cyst, Multiple	
		Nephropathy	
Liver		Degeneration, Nos	
	Centrilobular	Necrosis, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
		Nephrosis, Hydro	
Liver	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Mammary gland		Cystic Ducts	
Spleen		Hemangioma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Mediastinum Nos	Foreign Body, Nos	
Urinary bladder		Transitional-Cell Papilloma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Embryonal Duct	
		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Retina

Crystalline Lens

Retina

Myocardium Nos

Heart

Kidney

Liver

Bile Duct

Lymph node

Mandibular Lymph Node

Pancreas

Acinus

Islets

Testis

Tubule

Thyroid

Pheochromocytoma

Atrophy, Focal

Cataract

Degeneration, Nos

Degeneration, Nos

Nephropathy

Hyperplasia, Focal

Neoplastic Nodule

Hyperplasia, Lymphoid

Atrophy, Focal

Islet-Cell Carcinoma

Degeneration, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Mineralization
	Meninges	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
		Hyperplasia, Focal
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Cytoplasmic Change, Eosinophilic	
		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
		Papillary Cystadenoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_031	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Lung		Aspiration, Foreign Body	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
		Perivascularitis	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Leg	Fibroma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule	
Lung		Aspiration, Foreign Body	
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_035	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Colon	Parasitism	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified		Fibroma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_038	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Lung		Aspiration, Foreign Body	
Testis		Hyperplasia, Interstitial Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_040	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule	
Lung		Aspiration, Foreign Body Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Thymus		Hemorrhage	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_043	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Focal	
Stomach	Cardiac Gland	Ulcer, Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
	Tunica Vaginalis	Mesothelioma, Nos	
Unspecified	Mediastinum Nos	Foreign Body, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_044	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Eye	Retina	Atrophy, Focal	
	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Small	Jejunum	Embryonal Rest	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute/Chronic	
Stomach	Cardiac Gland	Ulcer, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Thymus	Medulla	Hemorrhage	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_046	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Cyst, Nos	
		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pancreas	Acinus	Atrophy, Focal	
Prostate		Inflammation, Acute/Chronic	
Spleen		Depletion, Lymphoid	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_047	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Esophagus		Wound, Penetrating	
Heart	Epicardium	Inflammation, Acute Fibrinous	
Liver	Centrilobular	Necrosis, Nos	
Lung	Mediastinal Pleura	Inflammation, Acute Fibrinous	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_048	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
	Centrilobular	Necrosis, Focal	
Lung		Inflammation, Granulomatous Focal	
Lymph node	Thoracic Lymph Node	Inflammation, Granulomatous Focal	
Pancreas		Acinar-Cell Adenoma	
Pituitary gland	Pituitary Cell	Hypertrophy, Focal	
Stomach	Cardiac Stomach	Dysplasia, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

ANIMAL ID: 1_049	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 120.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Ganglioneuroma	
		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Cortex	Cyst, Nos	
		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050	TRT#: 1 DOSE: 120.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Lung		Aspiration, Foreign Body	
Pituitary gland		Hyperplasia, Focal	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002		TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS				
Bone marrow			Hyperplasia, Granulocytic	
Heart	Myocardium Nos		Degeneration, Nos	
Intestine Large	Colon		Parasitism	
Kidney			Nephropathy	
Liver			Degeneration, Cystic	
	Bile Duct		Hyperplasia, Focal	
			Inflammation, Granulomatous Focal	
Lung			Fibrosarcoma	
			Hyperplasia, Alveolar Epithelium	
Lymph node	Thoracic Lymph Node		Plasmacytosis	
Skin	Back		Keratoacanthoma	
Testis	Tubule		Degeneration, Nos	
			Hyperplasia, Interstitial Cell	
			Inflammation, Granulomatous Focal	
			Interstitial-Cell Tumor	
Unspecified	Flank		Fibroma	
Urinary bladder			Inflammation, Chronic	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_003	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Hyperplasia, Alveolar Epithelium	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_004	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Follicular Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Pituitary gland	Anterior Pituitary	Hypertrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Centrilobular	Necrosis, Focal
Lung		Aspiration, Foreign Body
Lymph node	Mandibular Lymph Node	Cyst, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Tongue	Dorsum Of Tongue Nos	Squamous Cell Papilloma
Unspecified	Chest	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_009	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
		Inflammation, Granulomatous Focal	
Mammary gland		Hyperplasia, Cystic	
Skin	Nose	Squamous Cell Papilloma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Astrocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Inflammation, Granulomatous	
Kidney		Nephropathy	
Liver	Periportal	Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
		Inflammation, Acute/Chronic	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Spleen	Red Pulp	Pigmentation, Nos	
Stomach	Cardiac Stomach	Acanthosis	
		Adhesion, Nos	
	Cardiac Stomach	Hyperkeratosis	
	Cardiac Stomach	Ulcer, Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_011	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
	Bronchiole	Ectopia	
		Inflammation, Acute/Chronic	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Skin	Sebaceous Gland	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Follicular Nos	
	Follicle	Cystadenoma, Nos	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
Urinary bladder		Transitional-Cell Papilloma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Congestion, Passive	
	Cortex	Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Testis	Tubule	Atrophy, Focal	
	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_014	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Brain		Necrosis, Hemorrhagic	
Liver	Bile Duct	Hyperplasia, Focal	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Cortex	Nephropathy	
Liver	Centrilobular	Congestion, Nos	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mesenteric Lymph Node	Congestion, Nos	
	Thoracic Lymph Node	Pigmentation, Nos	
Spinal cord	Lumbar Spinal Cord	Osteosarcoma	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Osteosarcoma, Metastatic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_016	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla Cortex Nos	Hyperplasia, Focal Lipoidosis Pheochromocytoma	
Brain	Cerebrum	Atrophy, Pressure	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal Neoplastic Nodule	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Hyperplasia, Interstitial Cell	
Thyroid	Follicle	Cystadenocarcinoma, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Interstitial	
Lymph node	Thoracic Lymph Node	Pigmentation, Nos	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
	Tunica Vaginalis	Mesothelioma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_020	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Skin	Nose	Squamous Cell Papilloma	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_021	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal Inflammation, Granulomatous Focal Neoplastic Nodule	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_022	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Dosing Accident	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Brain	Meninges	Hematoma, Organized	
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Colon	Parasitism	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
	Centrilobular	Necrosis, Focal	
Lung		Aspiration, Foreign Body	
		Inflammation, Acute/Chronic	
Pituitary gland	Anterior Pituitary	Congestion, Nos	
Testis	Tubule	Atrophy, Focal	
	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
		Mineralization	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_023	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Lung		Aspiration, Foreign Body	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_025	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Lung	Alveoli	Hemorrhage	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Lymph node

Pancreas

Pituitary gland

Testis

Thyroid

Crystalline Lens

Myocardium Nos

Cortex

Bile Duct

Mesenteric Lymph Node

Acinus

Anterior Pituitary

Tubule

Tubule

Pheochromocytoma

Cataract

Degeneration, Nos

Cyst, Multiple

Nephropathy

Hyperplasia, Focal

Inflammation, Granulomatous Focal

Atrophy, Focal

Hypertrophy, Focal

Atrophy, Focal

Degeneration, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_027	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Pelvis	Hyperplasia, Epithelial	
		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
		Inflammation, Acute/Chronic	
Lymph node	Mandibular Lymph Node	Cyst, Nos	
Mammary gland		Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Follicular Nos	
		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Zona Fasciculata	Hyperplasia, Focal	
Bone marrow		Hyperplasia, Granulocytic	
Esophagus		Dilatation, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Prostate		Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Embryonal Duct	
Unspecified	Abdominal Cavity	Fibrosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Carotid Artery Nos	Periarteritis	
Bone marrow		Hyperplasia, Reticulum Cell	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Hepatic Sinusoid	Congestion, Nos	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
	Centrilobular	Necrosis, Focal	
Lung		Aspiration, Foreign Body	
Pancreas		Hyperplasia, Mesothelial	
		Periarteritis	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_030	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Zona Fasciculata	Necrosis, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Islets	Islet-Cell Carcinoma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Lymph node	Mandibular Lymph Node	Angiectasis	
Skin	Eyelid Nos	Fibrosarcoma	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_034	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mucosa, Duodenum	Adenocarcinoma, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Lung		Aspiration, Foreign Body	
		Inflammation, Interstitial	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Follicular Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_035	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Follicular Nos	
		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
	Centrilobular	Necrosis, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_037	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
		Inflammation, Acute/Chronic	
Lymph node	Mandibular Lymph Node	Cyst, Nos	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas		Acinar-Cell Adenoma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid	Follicle	Cystadenoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
		Inflammation, Acute/Chronic	
Lymph node	Mandibular Lymph Node	Cyst, Nos	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_039	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_040	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Trachea		Inflammation, Acute/Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Heart Kidney	Myocardium Nos	Degeneration, Nos Nephropathy	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_042	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Small	Mesentery Nos	Inflammation, Granulomatous Focal	
Lung		Aspiration, Foreign Body	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_043	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Follicular Nos	
		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_044	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid	
Mammary gland		Fibroadenoma	
Parathyroid gland		Hyperplasia, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Cortex	Cyst, Nos	
		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Preputial gland		Carcinoma, Nos	
		Inflammation, Chronic Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Hepatic Sinusoid	Congestion, Nos	
	Bile Duct	Hyperplasia, Focal	
Lung		Congestion, Nos	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Mineralization	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_047	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 060.0 MG/KG	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Eye	Retina	Atrophy, Focal	
	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Hyperplasia, Alveolar Epithelium	
		Inflammation, Acute/Chronic	
		Inflammation, Granulomatous Focal	
Pancreas	Islets	Islet-Cell Adenoma	
Testis	Tubule	Atrophy, Focal	
	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_048	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049	TRT#: 2 DOSE: 060.0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Granulomatous
Lung		Aspiration, Foreign Body

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mesenteric Lymph Node	Inflammation, Acute/Chronic	
Pituitary gland		Hyperplasia, Focal	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Atrophy, Diffuse	
	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_002	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Colon	Parasitism	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
	Atrium	Thrombosis, Nos	
Kidney	Tubule	Pigmentation, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Hemorrhage	
Mammary gland		Dilatation, Ducts	
Pituitary gland		Adenoma, Nos	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_004	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Brain	Hippocampus	Astrocytoma	
Eye	Retina	Atrophy, Nos	
	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute Diffuse	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006		TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS				
Bone marrow			Hyperplasia, Granulocytic	
Heart	Myocardium Nos		Degeneration, Nos	
Kidney			Nephropathy	
Liver			Cytoplasmic Change, Basophilic	
	Bile Duct		Hyperplasia, Focal	
			Inflammation, Granulomatous Focal	
Lung			Inflammation, Acute/Chronic	
Lymph node	Mandibular Lymph Node		Cyst, Nos	
Mammary gland			Dilatation, Ducts	
			Fibroadenoma	
Pancreas	Acinus		Atrophy, Focal	
Pituitary gland			Adenoma, Nos	
Prostate			Inflammation, Acute/Chronic	
Spleen	Red Pulp		Hematopoiesis	
Testis	Tubule		Atrophy, Diffuse	
	Tubule		Degeneration, Nos	
			Interstitial-Cell Tumor	
Thyroid			Cyst, Follicular Nos	
			Hyperplasia, C Cell	
Unspecified			Fibroma	
	Multiple Organs Nos		Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_007	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Medulla Oblongata Nos	Hemorrhage	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Parathyroid gland		Hyperplasia, Nos	
Pituitary gland		Adenoma, Nos	
Stomach	Submucosa	Edema, Nos	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_008	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hypoplasia, Erythroid	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Interstitial	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pancreas	Acinus	Atrophy, Focal	
	Islets	Islet-Cell Carcinoma	
Parathyroid gland		Hyperplasia, Focal	
Pituitary gland		Hemorrhage	
Spleen		Depletion, Lymphoid	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_010	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Edema, Nos	
		Inflammation, Acute/Chronic	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Parathyroid gland		Hyperplasia, Nos	
Spleen	Red Pulp	Pigmentation, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Mineralization	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Zona Fasciculata	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Testis		Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_013	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Zona Fasciculata	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
		Inflammation, Granulomatous Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pancreas	Acinus	Atrophy, Focal	
Parathyroid gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_014	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Eye	Retina	Atrophy, Focal	
	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal Inflammation, Granulomatous Focal	
Lung		Perivascularitis	
Mammary gland		Dilatation, Ducts	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Focal	
Lung	Alveoli	Hemorrhage	
Mammary gland		Fibroadenoma	
	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_017	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Cytoplasmic Change, Eosinophilic	
		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
Stomach	Mucosa	Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Brain	Cingulum	Astrocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Inflammation, Chronic Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_020	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Thoracic Lymph Node	Inflammation, Granulomatous Focal	
Prostate		Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_021	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Hyperplasia, Alveolar Epithelium	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_022	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Submucosa, Colon	Inflammation, Granulomatous Focal	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Lymph node	Mandibular Lymph Node	Lymphangiectasis	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_023	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Granulocytic	
Heart	Myocardium Nos	Degeneration, Nos	
Liver	Bile Duct	Hyperplasia, Focal Neoplastic Nodule	
Pituitary gland		Adenoma, Nos	
Testis	Tubule Tubule	Atrophy, Focal Degeneration, Nos Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024		TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS				
Adrenal gland	Medulla		Hyperplasia, Focal	
Eye	Retina		Atrophy, Focal	
	Crystalline Lens		Cataract	
	Cornea		Degeneration, Nos	
	Retina		Degeneration, Nos	
Heart	Myocardium Nos		Degeneration, Nos	
Kidney			Nephropathy	
Liver	Bile Duct		Hyperplasia, Focal	
Lung	Bronchiole		Cyst, Nos	
			Hyperplasia, Alveolar Epithelium	
			Inflammation, Acute/Chronic	
Pituitary gland			Hyperplasia, Focal	
Testis	Tubule		Degeneration, Nos	
			Interstitial-Cell Tumor	
Thyroid			Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos		Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_025	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Plasmacytosis	
Pancreas	Islets	Islet-Cell Carcinoma	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Parathyroid gland		Hyperplasia, Focal	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Eye	Retina Crystalline Lens Retina	Atrophy, Nos Cataract Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Colon	Parasitism	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_028	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Lymph node	Thoracic Lymph Node	Congestion, Nos	
Mammary gland		Cystic Ducts	
Pituitary gland		Adenoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_029	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Pancreas	Acinus	Atrophy, Focal	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Eye	Retina Crystalline Lens Retina	Atrophy, Focal Cataract Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Alveolar/Bronchiolar Carcinoma	
Mammary gland		Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_031	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Preputial gland		Inflammation, Chronic Diffuse	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
Thyroid		C-Cell Carcinoma	
		Papillary Cystadenoma, Nos	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Testis

Myocardium Nos

Bile Duct

Tubule

Thyroid

Unspecified

Multiple Organs Nos

Hyperplasia, Reticulum Cell

Degeneration, Nos

Nephropathy

Hyperplasia, Focal

Degeneration, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_035	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney	Tubule	Pigmentation, Nos	
Liver	Bile Duct	Hyperplasia, Focal	
	Centrilobular	Necrosis, Nos	
Pancreas		Necrosis, Fat	
Spleen		Necrosis, Focal	
Testis		Atrophy, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_036	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Mammary gland		Fibroadenoma	
Spleen	Red Pulp	Congestion, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
	Atrium	Thrombosis, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
	Centrilobular	Necrosis, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Mammary gland		Dilatation, Ducts	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Anterior Chamber	Hemorrhage
	Posterior Chamber	Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Inflammation, Chronic Focal
Pancreas	Acinus	Atrophy, Focal
	Duct Nos	Hypertrophy, Nos
		Mixed Tumor, Malignant
Pituitary gland		Hyperplasia, Focal
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Left Atrium Nos	Thrombosis, Nos	
Kidney		Nephropathy	
Liver	Centrilobular	Degeneration, Nos	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Congestion, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Skin		Basal-Cell Carcinoma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Groin	Fibroma	
	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_043	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044		TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS				
Bone marrow			Hyperplasia, Granulocytic	
Heart	Myocardium Nos		Degeneration, Nos	
Kidney			Nephropathy	
Liver			Cytoplasmic Change, Basophilic	
	Bile Duct		Hyperplasia, Focal	
			Inflammation, Granulomatous Focal	
Mammary gland	Mammary Acinus		Hyperplasia, Focal	
Pituitary gland			Hyperplasia, Focal	
Testis	Tubule		Degeneration, Nos	
			Interstitial-Cell Tumor	
Unspecified	Neck		Fibroma	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Eye	Retina Crystalline Lens Retina Iris	Atrophy, Diffuse Cataract Degeneration, Nos Inflammation, Acute/Chronic	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Skin	Chest	Keratoacanthoma	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_046	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Clear-Cell Change	
	Bile Duct	Hyperplasia, Focal	
Salivary gland		Atrophy, Focal	
Skin	Back	Keratoacanthoma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_047	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Clear-Cell Change	
		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
	Mandibular Lymph Node	Erythrophagocytosis	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified		Fibroma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048		TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS				
Bone marrow			Hyperplasia, Granulocytic	
Brain	Cerebrum		Atrophy, Pressure	
Heart	Myocardium Nos		Degeneration, Nos	
Intestine Small	Mesentery Nos		Inflammation, Granulomatous Focal	
Kidney	Pelvis		Inflammation, Acute/Chronic	
			Nephropathy	
Liver	Centrilobular		Degeneration, Nos	
	Bile Duct		Hyperplasia, Focal	
Lymph node	Mesenteric Lymph Node		Inflammation, Multifocal	
	Mandibular Lymph Node		Plasmacytosis	
Mammary gland	Mammary Acinus		Hyperplasia, Cystic	
Pancreas	Acinus		Atrophy, Focal	
Pituitary gland			Adenoma, Nos	
Testis	Tubule		Degeneration, Nos	
			Hyperplasia, Interstitial Cell	
			Interstitial-Cell Tumor	
Thyroid			C-Cell Carcinoma	
Urinary bladder			Inflammation, Active Chronic	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone	Cartilage,Nos	Ectopia	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Tubule	Ectopia	
		Nephropathy	
Liver	Hepatocytes	Degeneration, Nos	
		Neoplastic Nodule	
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph node	Mesenteric Lymph Node	Inflammation, Multifocal	
Mammary gland	Mammary Acinus	Hyperplasia, Cystic	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute/Chronic	
Skin	Upper Lip Nos	Inflammation, Granulomatous Focal	
Testis		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Brain	Meninges	Granular-Cell Tumor, Benign	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Pancreas	Acinus	Atrophy, Focal	
	Islets	Islet-Cell Carcinoma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thymus		Cyst, Embryonal Duct	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_001	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Lung		Inflammation, Granulomatous Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_002	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Bone marrow		Hypoplasia, Hematopoietic	
Esophagus	Mucosa	Hernia, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Leukemia, Mononuclear Cell	
Lung		Edema, Nos	
Pituitary gland		Adenoma, Nos	
	Anterior Pituitary	Hemorrhage	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_003	TRT#: 4 DOSE: 0	SEX: Male DISP: Accidentally Killed	DAY ON TEST: HISTO:
OBSERVATIONS			
Esophagus	Periesophageal Tissue	Inflammation, Acute Diffuse	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Mineralization	
Liver		Adhesion, Fibrous	
		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Pneumonia, Aspiration	
Spleen		Depletion, Lymphoid	
Testis		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Unspecified	Mediastinum Nos	Inflammation, Acute	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_004	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Clear-Cell Change	
	Bile Duct	Hyperplasia, Focal	
Mammary gland		Dilatation, Ducts	
Pituitary gland		Adenoma, Nos	
	Anterior Pituitary	Cyst, Embryonal Duct	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_005	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney	Cortex	Mineralization	
		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Diffuse	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid	Follicle	Hyperplasia, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_006	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Liver		Clear-Cell Change	
		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
		Dilatation, Ducts	
Pituitary gland	Anterior Pituitary	Hypertrophy, Focal	
Salivary gland		Dilatation, Ducts	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_007	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Large	Colon	Nematodiasis	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Mammary gland		Dilatation, Ducts	
Pancreas	Acinus	Atrophy, Focal	
Spleen		Depletion, Lymphoid	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_008		TRT#: 4 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS				
Bone marrow			Hyperplasia, Granulocytic	
Heart	Myocardium Nos		Degeneration, Nos	
Kidney			Nephropathy	
Lung			Aspiration, Foreign Body	
Lymph node	Mesenteric Lymph Node		Depletion, Lymphoid	
Mammary gland			Dilatation, Ducts	
Pancreas	Acinus		Atrophy, Focal	
Seminal vesicle			Degeneration, Nos	
Testis			Hyperplasia, Interstitial Cell	
			Interstitial-Cell Tumor	
Thyroid			Hyperplasia, C Cell	
Unspecified	Abdomen		Fibrosarcoma	
	Chest		Foreign Body, Nos	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_009	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified		Fibroma	
	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_010	TRT#: 4 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Mammary gland		Dilatation, Ducts	
Prostate		Inflammation, Acute/Chronic	
Salivary gland		Atrophy, Focal	
		Dilatation, Ducts	
Testis		Hyperplasia, Interstitial Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_011	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver	Bile Duct	Hyperplasia, Focal Lipoidosis	
Lung		Hyperplasia, Alveolar Epithelium	
Mammary gland		Dilatation, Ducts	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
	Tunica Vaginalis	Mesothelioma, Nos Hyperplasia, C Cell	
Thyroid			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_012	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Hyperplasia, Alveolar Epithelium	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_013	TRT#: 4 DOSE: 0	SEX: Male DISP: Dosing Accident	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Pituitary gland		Adenoma, Nos	
Spleen		Depletion, Lymphoid	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_014	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Mammary gland		Dilatation, Ducts	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_015	TRT#: 4 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Brain		Hemorrhage	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Testis	Tubule	Atrophy, Focal	
	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_016	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_017

TRT#: 4

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thyroid

Myocardium Nos

Bile Duct

Tubule

Pheochromocytoma

Degeneration, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Degeneration, Nos

Interstitial-Cell Tumor

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_018	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Mammary gland		Dilatation, Ducts	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_019	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Pancreas	Acinus	Atrophy, Focal	
Parathyroid gland		Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_020	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Lymph node	Mandibular Lymph Node	Plasmacytosis	
Mammary gland		Fibroadenoma	
Spleen	Red Pulp	Pigmentation, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_021	TRT#: 4	SEX: Male	DAY ON TEST:
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Mammary gland		Hemorrhage	
Skin		Basal-Cell Carcinoma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_022	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Testis		Interstitial-Cell Tumor	
Unspecified	Abdomen	Fibrosarcoma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_023	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hypoplasia, Hematopoietic	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
	Tunica Vaginalis	Mesothelioma, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_024		TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS				
Adrenal gland			Pheochromocytoma	
Heart	Myocardium Nos		Degeneration, Nos	
Intestine Large	Colon		Nematodiasis	
Intestine Small	Mucosa, Duodenum		Hyperplasia, Focal	
	Submucosa, Duodenum		Inflammation, Acute/Chronic	
Kidney	Pelvis		Hyperplasia, Epithelial	
			Nephropathy	
Liver			Hepatocellular Carcinoma	
	Bile Duct		Hyperplasia, Focal	
			Inflammation, Granulomatous Focal	
Lung			Hepatocellular Carcinoma, Metastatic	
Lymph node	Mandibular Lymph Node		Plasmacytosis	
Mammary gland			Cystic Ducts	
Pituitary gland			Adenoma, Nos	
Stomach	Fundus		Ulcer, Focal	
Testis	Tubule		Degeneration, Nos	
Thyroid			C-Cell Carcinoma	
			Hyperplasia, C Cell	
Urinary bladder			Hyperplasia, Epithelial	
			Inflammation, Acute/Chronic	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_025	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Cyst, Follicular Nos	
Unspecified	Back	Fibroma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_026	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Esophagus		Squamous Cell Carcinoma	
Eye	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
	Epicardium	Inflammation, Acute/Chronic	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_027	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Stomach		Hyperkeratosis	
	Cardiac Stomach	Hyperplasia, Epithelial	
	Cardiac Stomach	Inflammation, Acute/Chronic	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_028	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Acute/Chronic	
Mammary gland		Fibroadenoma	
Pancreas	Islets	Islet-Cell Carcinoma	
Stomach	Cardiac Stomach	Squamous Cell Papilloma	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid	Follicle	Cystadenoma, Nos	
		Hyperplasia, C Cell	
Unspecified	Neck	Fibroma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_029	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_030	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_031	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Mammary gland		Dilatation, Ducts	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_032	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Focal	
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_033	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Eye	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lung		Inflammation, Granulomatous Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_034	TRT#: 4 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_035	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Mammary gland		Dilatation, Ducts	
Pituitary gland		Adenoma, Nos	
Seminal vesicle		Inflammation, Chronic Focal	
Testis		Hyperplasia, Interstitial Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_036	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Liver	Bile Duct	Hyperplasia, Focal Inflammation, Granulomatous Focal Inflammation, Granulomatous Focal	
Lung		Atrophy, Focal	
Pancreas	Acinus	Cyst, Embryonal Duct	
Pituitary gland		Hyperplasia, Mesothelial	
Spleen	Capsule	Degeneration, Nos	
Testis	Tubule	Interstitial-Cell Tumor	
	Tunica Vaginalis	Mesothelioma, Nos	
Thyroid		C-Cell Carcinoma	
		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic	
	Adipose Tissue	Mesothelioma, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_037	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
		Degeneration, Cystic	
	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_038	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal	
Heart	Myocardium Nos	Degeneration, Nos	
Liver	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_039	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Clear-Cell Change	
	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_040	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Focal Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Liver	Bile Duct	Hyperplasia, Focal Inflammation, Granulomatous Focal	
Lung		Aspiration, Foreign Body Inflammation, Acute/Chronic	
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_041	TRT#: 4 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Vein Nos	Thrombus, Mural	
Bone marrow		Hyperplasia, Granulocytic	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
	Centrilobular	Necrosis, Nos	
		Neoplastic Nodule	
Lung		Squamous Cell Carcinoma, Metastatic	
Lymph node	Mandibular Lymph Node	Inflammation, Granulomatous Focal	
Mammary gland		Dilatation, Ducts	
Skin		Squamous Cell Carcinoma	
Testis		Cyst, Hemorrhagic	
	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor, Malignant	
Thyroid		Hyperplasia, Follicular Cell	
Unspecified	Groin	Osteosarcoma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_042	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Eye	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Seminal vesicle		Papillary Adenoma	
Stomach	Cardiac Stomach	Cyst, Epidermal Inclusion	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Unspecified	Scrotum	Fibroma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_043	TRT#: 4	SEX: Male	DAY ON TEST:
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Eye	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
	Iris	Inflammation, Acute/Chronic	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Congestion, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_044	TRT#: 4 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
Lung		Aspiration, Foreign Body	
Lymph node	Mandibular Lymph Node	Inflammation, Acute/Chronic	
Pituitary gland		Carcinoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
Thyroid		Hyperplasia, C Cell	
Unspecified	Leg	Fibroma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Chlorobenzene

CAS Number: 108-90-7

Date Report Requested: 10/26/2014

Time Report Requested: 17:09:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_045	TRT#: 4 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Fibrosis, Myelo	
Eye	Crystalline Lens	Cataract	
	Retina	Degeneration, Nos	
Liver	Bile Duct	Hyperplasia, Focal	
		Neoplastic Nodule	
Lymph node	Mesenteric Lymph Node	Inflammation, Granulomatous Focal	
Pituitary gland		Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_046	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Myocardium Nos	Pheochromocytoma	
Heart		Degeneration, Nos	
Kidney		Nephropathy	
Liver		Clear-Cell Change	
	Bile Duct	Cytoplasmic Change, Basophilic	
		Degeneration, Cystic	
		Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Lung	Tubule	Inflammation, Granulomatous Focal	
Mammary gland		Dilatation, Ducts	
Testis		Degeneration, Nos	
		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_047	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Reticulum Cell	
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver	Bile Duct	Hyperplasia, Focal	
		Inflammation, Granulomatous Focal	
Lung		Hemorrhage	
Mammary gland	Mammary Acinus	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Pituitary gland		Adenoma, Nos	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_048	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Clear-Cell Change	
		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_049	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Reticulum Cell	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Lymph node	Mandibular Lymph Node	Plasmacytosis	
Pancreas	Acinus	Atrophy, Focal	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Degeneration, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54886
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Chlorobenzene
CAS Number: 108-90-7

Date Report Requested: 10/26/2014
Time Report Requested: 17:09:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_050	TRT#: 4 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Nephropathy	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Focal	
Pancreas	Acinus	Atrophy, Focal	
Testis	Tubule	Degeneration, Nos	
		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE