

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:36
First Dose M/F: NA / NA
Lab: NA

C Number:	C02835
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

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

ANIMAL ID: 1_001	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Lung		Alveolar Macrophages	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_002	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
		Pigmentation, Nos	
Liver	Centrilobular	Degeneration, Nos	
	Bile Duct	Hyperplasia, Nos	
		Regeneration, Nodular	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_003	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_004	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Infarct, Healed	
		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Granuloma, Nos	
Pituitary gland		Cyst, Hemorrhagic	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Urinary bladder		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_005	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium diethyldithiocarbamate

CAS Number: 148-18-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:47:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

Cystic Follicles

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_007	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
		Nephrosis, Hydro	
Liver		Cytoplasmic Vacuolization	
	Bile Duct	Inflammation, Nos	
Lung		Sarcoma, Nos, Metastatic	
Lymph node	Mediastinal Lymph Node	Sarcoma, Nos, Metastatic	
Stomach		Inflammation, Nos	
		Ulcer, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Abdominal Cavity	Sarcoma, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_008	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Hemorrhage	
Kidney		Pigmentation, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
		Necrosis, Nos	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Kidney	Cortex	Cyst, Nos	
		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		C-Cell Carcinoma, Metastatic	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_011	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Skin		Acanthosis	
		Hyperkeratosis	
Testis		Inflammation, Acute	
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor	
		Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_012	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Inflammation, Chronic	
Liver		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Nos	
Stomach		Inflammation, Acute	
		Ulcer, Nos	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_014	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Atrium	Thrombosis, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
		Necrosis, Nos	
Lung		Squamous Cell Carcinoma	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_015	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Inflammation, Chronic	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_016	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_017	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Acinus	Atrophy, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_018	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_019	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Kidney		Inflammation, Chronic	
Liver		Clear-Cell Change	
	Bile Duct	Inflammation, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_020	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_021	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

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Lab: NA

ANIMAL ID: 1_022	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Intestine Large	Large Intestine, Colon	Lipoma	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Inflammation, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_023	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Inflammation, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Follicular-Cell Adenoma	
		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_024	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Hemorrhage	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_026	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Liver Unspecified Urinary bladder	Bile Duct Multiple Organs Nos	Hyperplasia, Nos Leukemia, Undifferentiated Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_027	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Lung		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Hyperplasia, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Spleen		Hyperplasia, Lymphoid	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_029	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Hyperplasia, Nos	
	Medulla	Necrosis, Nos	
		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Lung		Granuloma, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_030	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Cyst, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_031	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Brain	Meninges	Meningioma, Benign	
Intestine Small	Ileum	Adenocarcinoma, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos	Mesothelioma, Nos	
	Tail	Neurofibrosarcoma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_033	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Inflammation, Nos	
Pancreas	Islets	Islet-Cell Adenoma	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_034	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium diethyldithiocarbamate

CAS Number: 148-18-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:47:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_036	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart		Perivasculitis	
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified		Abscess, Nos	
		Hematoma, Nos	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_037	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium diethyldithiocarbamate

CAS Number: 148-18-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:47:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Testis

Thyroid

Unspecified

Multiple Organs Nos

Inflammation, Chronic

Adenoma, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_040	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_041	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney	Pelvis	Hyperplasia, Epithelial	
		Nephrosis, Hydro	
		Pyelonephritis, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor, Malignant	
Thyroid		Follicular-Cell Carcinoma	
Unspecified	Abdominal Cavity	Interstitial-Cell Tumor, Metastatic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_042	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Lung		Granuloma, Nos	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute	
Skin		Cyst, Epidermal Inclusion	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_043	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
		Pigmentation, Nos	
Lung		Alveolar Macrophages	
Lymph node	Mediastinal Lymph Node	Mesothelioma, Metastatic	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_044	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Atrium	Thrombosis, Nos	
Kidney		Inflammation, Chronic	
Liver		Necrosis, Nos	
Pituitary gland		Adenoma, Nos	
Spleen		Depletion, Lymphoid	
Testis		Interstitial-Cell Tumor	
Thyroid		Follicular-Cell Adenoma	
		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

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Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Kidney		Inflammation, Chronic	
Liver	Centrilobular	Degeneration, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_047	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Hyperplasia, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_048	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Mineralization	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_049	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 2500 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Prostate		Inflammation, Suppurative	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050	TRT#: 1 DOSE: 2500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Pancreas	Islets	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_101	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Brain		Mineralization	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_102	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
	Cortex Nos	Lipoidosis	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
Pancreas	Islets	Islet-Cell Adenoma	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_104	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_105	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Carcinoma	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lymph node	Mandibular Lymph Node	Lymphangiectasis	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Thyroid		Cyst, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_106	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Heart	Myocardium Nos	Inflammation, Chronic	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_107	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Blood vessel	Pulmonary Artery Nos	Mineralization	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
Spleen		Hyperplasia, Lymphoid	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Unspecified		Abscess, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_108	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Cyst, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_109	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Hyperplasia, Nos	
Kidney		Hamartoma	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
		Lipoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_110	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_111	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_112	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_113	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Heart	Atrium	Thrombosis, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Parathyroid gland		Adenoma, Nos	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute	
Salivary gland		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_114	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Nos	
	Acinus	Fibrosis	
Spleen		Hemosiderosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_115	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Lipoidosis	
Heart	Atrium	Thrombosis, Nos	
Kidney		Inflammation, Chronic	
		Pigmentation, Nos	
Liver	Centrilobular	Degeneration, Nos	
	Bile Duct	Hyperplasia, Nos	
Salivary gland		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Acute	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_116	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Atrium	Thrombosis, Nos	
Kidney		Inflammation, Chronic	
		Pigmentation, Nos	
Liver	Centrilobular	Degeneration, Nos	
	Bile Duct	Hyperplasia, Nos	
Spleen		Hematopoiesis	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Mesothelioma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_117	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Nos	
Lymph node	Mandibular Lymph Node	Lymphangiectasis	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Follicular-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium diethyldithiocarbamate

CAS Number: 148-18-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:47:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_118

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Bile Duct

Inflammation, Chronic

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_119	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_120	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Nos	
		Necrosis, Nos	
Lung		Bronchopneumonia, Acute	
Pancreas	Islets	Islet-Cell Adenoma	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_121	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Pigmentation, Nos	
Liver		Necrosis, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Mesothelioma, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_122	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
		Pigmentation, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Acinus	Atrophy, Nos	
Skin		Acanthosis	
		Hyperkeratosis	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_123	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Acinus	Atrophy, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_124	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Spleen		Depletion, Lymphoid	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium diethyldithiocarbamate

CAS Number: 148-18-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:47:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_125

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Inflammation, Chronic

Hyperplasia, Nos

Interstitial-Cell Tumor

Leukemia, Undifferentiated

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_126	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_127	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Adenoma, Nos	
Spleen		Infarct, Nos	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_128	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Periarteritis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_129	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Hyperplasia, Nos	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Acinus	Atrophy, Nos	
Prostate		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_130	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
		Periarteritis	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Follicular-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_131	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_132	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_133	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Hemorrhage	
	Bile Duct	Hyperplasia, Nos	
		Necrosis, Nos	
Skin		Cyst, Epidermal Inclusion	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_134	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_135	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Heart		Sarcoma, Nos	
Kidney		Inflammation, Chronic	
Liver	Centrilobular	Degeneration, Nos	
	Bile Duct	Hyperplasia, Nos	
Lung		Sarcoma, Nos, Metastatic	
Testis		Hyperplasia, Interstitial Cell	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_136	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Hyperplasia, Nos	
Brain		Hemorrhage	
Heart		Periarteritis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Adenoma, Nos	
Prostate		Inflammation, Acute	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_137	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
		Pigmentation, Nos	
Liver		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Nos	
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid	
	Mandibular Lymph Node	Edema, Nos	
Testis		Hyperplasia, Interstitial Cell	
Unspecified	Multiple Organs Nos	Leukemia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_138	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_139	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Thyroid		Follicular-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_140	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Heart	Myocardium Nos	Fibrosis	
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_141	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland	Capsule	Thrombosis, Nos	
Heart	Myocardium Nos	Fibrosis	
	Atrium	Thrombosis, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
		Necrosis, Nos	
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid	
Mammary gland		Dilatation, Ducts	
Pituitary gland		Adenoma, Nos	
Spleen		Depletion, Lymphoid	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_142	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Hemorrhage	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_143	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
		Follicular-Cell Adenoma	
		Follicular-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_144	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Heart	Atrium	Thrombosis, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_145	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Inflammation, Chronic	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_146	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_147	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_148	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
	Pelvis	Periarteritis	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_149	TRT#: 2 DOSE: 1250 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Pulmonary Artery Nos	Mineralization	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Cyst, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_150	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 1250 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lymph node	Mandibular Lymph Node	Lymphangiectasis	
Preputial gland		Carcinoma, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Follicular-Cell Adenoma	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_201	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Sup.Panc-Duod.Artery	Hypertrophy, Nos	
Heart	Myocardium Nos	Fibrosis	
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
	Tubule	Mineralization	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_202	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_203	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Eosinophilic	
	Bile Duct	Hyperplasia, Nos	
Pancreas	Islets	Islet-Cell Adenoma	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
Unspecified		Abscess, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_204	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
Urinary bladder		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_205	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Skin		Squamous Cell Carcinoma	
Spleen		Depletion, Lymphoid	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Sodium diethyldithiocarbamate
CAS Number: 148-18-5

Date Report Requested: 10/26/2014
Time Report Requested: 16:47:37
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_206	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Hemorrhage	
Kidney		Inflammation, Chronic	
Prostate		Inflammation, Acute	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02835

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Sodium diethyldithiocarbamate

CAS Number: 148-18-5

Date Report Requested: 10/26/2014

Time Report Requested: 16:47:37

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_207	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Atrophy, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_208	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Islets	Islet-Cell Adenoma	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_209	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
Urinary bladder		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_210	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_211	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Vacuolization	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_212	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Mesentery Nos	Lipoma	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Vacuolization	
	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_213	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney	Cortex	Cyst, Nos Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
Unspecified		Inflammation, Nos	
	Multiple Organs Nos	Leukemia, Undifferentiated	
Urinary bladder		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_214	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Clear-Cell Change	
	Bile Duct	Hyperplasia, Nos	
Prostate		Inflammation, Acute	
Testis		Interstitial-Cell Tumor	
Urinary bladder		Cast, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_215	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood		Leukemia, Nos	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pancreas	Islets	Islet-Cell Adenoma	
Spleen		Lipoidosis	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_216	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Adenoma, Nos	
Testis		Interstitial-Cell Tumor	
Unspecified		Fibroma	
Multiple Organs Nos		Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE