

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

C Number:	C01785
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

ANIMAL ID: 1_011	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Bone marrow Heart Kidney	Myocardium Nos	Atrophy, Nos Inflammation, Interstitial Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_012	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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Date Report Requested: 10/26/2014
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hemorrhage	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_014	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Heart Kidney	Myocardium Nos	Periarteritis Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_021	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Heart		Thrombus, Mural	
Testis		Atrophy, Nos	
		Inflammation, Necrotizing	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_022	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_023	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Bronchopneumonia Suppurative	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Chronic Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_024	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_025	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_031	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Focal	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_032	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Carcinoma	
Spleen		Hematopoiesis	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_034	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_035	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Abscess, Nos	
		Bronchopneumonia Chronic Suppurative	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_042	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_043	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Skin		Inflammation, Chronic Focal	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_044	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_045	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Unspecified		Hemorrhage	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_051	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_052	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_053	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Peritoneum		Mesothelioma, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_054	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_055	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_061	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_062	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Peritoneum		Mesothelioma, Nos	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_063	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Lung		Hyperplasia, Alveolar Epithelium	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_064	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Hyperplasia, Nodular	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_065	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_071	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_072	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Liver		Hyperplasia, Nodular	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_073	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Astrocytoma	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_074	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Peritoneum		Hemorrhage	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_075	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 10000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Preputial gland		Hyperplasia, Epithelial	
		Inflammation, Chronic Suppurative	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_076	TRT#: 1 DOSE: 10000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Calcification, Metastatic	
		Emphysema, Nos	
Parathyroid gland		Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_011	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Hematopoiesis	
Spleen		Hematopoiesis	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_013	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Unspecified		Fibroma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_014	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Blood vessel	Aorta Nos	Periarteritis	
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_015	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Mammary gland		Adenocarcinoma, Nos	
Prostate		Inflammation, Suppurative	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_021	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Inflammation, Interstitial	
Kidney		Inflammation, Chronic	
Lung		Bronchopneumonia Suppurative	
Pancreas	Acinus	Atrophy, Nos	
Parathyroid gland		Hyperplasia, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		Follicular-Cell Carcinoma	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Ear Kidney	Canal	Squamous Cell Carcinoma Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_023	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pancreas	Islets	Islet-Cell Adenoma	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_024	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_025	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_031	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung	Pleura Nos	Fibrosarcoma, Metastatic	
		Fibrosarcoma, Metastatic	
Spleen		Hematopoiesis	
Testis		Interstitial-Cell Tumor	
Unspecified	Shoulder	Fibrosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_032	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_033	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Angiectasis	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_034	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_035	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Large	Colon	Ulcer, Nos	
Kidney		Inflammation, Chronic	
Spleen		Hematopoiesis	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_041	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyrazinamide

CAS Number: 98-96-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:59

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

DOSE: 5000 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Pituitary gland

Atrophy, Nos

Inflammation, Chronic

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_043	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Pancreas	Islets	Islet-Cell Adenoma	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_044	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
Unspecified		Cyst, Epidermal Inclusion	
	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
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Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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Date Report Requested: 10/26/2014
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First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_051	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Liver		Hyperplasia, Nodular	
Testis		Interstitial-Cell Tumor	
Trachea		Plasma-Cell Infiltrate	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_052	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_053	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_054	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
Unspecified		Sarcoma, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_055	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyrazinamide

CAS Number: 98-96-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:59

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_061	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_062	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 5000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Eye	Crystalline Lens	Mineralization	
		Synechia, Anterior	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_063	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Bronchopneumonia Chronic Suppurative	
Prostate		Inflammation, Suppurative	
Thyroid		C-Cell Carcinoma	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_064	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_065	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Trachea		Lymphocytic Inflammatory Infiltrate	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_071	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_072	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pancreas	Islets	Islet-Cell Adenoma	
Pituitary gland		Chromophobe Adenoma	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_073	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Lung		Bronchopneumonia Suppurative	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_074	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_075	TRT#: 2 DOSE: 5000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Ear	Canal	Squamous Cell Papilloma	
Kidney		Inflammation, Chronic	
Liver		Hyperplasia, Nodular	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyrazinamide

CAS Number: 98-96-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:59

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Prostate		Inflammation, Suppurative	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_012	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Pancreas	Islets	Islet-Cell Adenoma	
Pituitary gland		Chromophobe Adenoma	
Prostate		Inflammation, Suppurative	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
Trachea		Inflammation, Suppurative	
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			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_014	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, Follicular Cell	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_015	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Intestine Small	Duodenum	Ulcer, Focal	
Stomach		Ulcer, Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_021	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Pyrazinamide
CAS Number: 98-96-4

Date Report Requested: 10/26/2014
Time Report Requested: 17:19:59
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
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			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyrazinamide

CAS Number: 98-96-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:59

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			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_031	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_032	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Hemorrhage	
		Malacia	
Kidney		Inflammation, Chronic	
Lung		Bronchopneumonia Suppurative	
Testis		Interstitial-Cell Tumor	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_033	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Atrophy, Nos	
Kidney		Inflammation, Chronic	
Lung		Bronchopneumonia Suppurative	
Pancreas	Acinus	Atrophy, Nos	
Testis		Interstitial-Cell Tumor	
Trachea		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_034	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		C-Cell Adenoma	
		Follicular-Cell Carcinoma	
PRIMARY CAUSE OF DEATH			
		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01785

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Pyrazinamide

CAS Number: 98-96-4

Date Report Requested: 10/26/2014

Time Report Requested: 17:19:59

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Trachea

Inflammation, Chronic

Interstitial-Cell Tumor

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE