

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

C Number: C50715

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Granuloma, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Urinary bladder		Calculus, Unknown Gross Or Micro Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Thrombosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia Suppurative
Spleen	Follicles	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Kidney

Testis

Unspecified

Mediastinum Nos

Sarcoma, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Skin		Trichoepithelioma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos
Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Pancreatic Lymph Node	Granuloma, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Perivasculitis
Urinary bladder		Cast, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Abscess, Nos
Eye		Inflammation, Active Chronic
Heart		Degeneration, Nos
Liver		Granuloma, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Lung	Infection, Bacterial
	Inflammation, Suppurative
Trachea	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Degeneration, Nos
Kidney	Tubule	Atrophy, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemosiderosis
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Nos
		Cystic Ducts
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Nos

Pheochromocytoma

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia, Acute
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

Heart

Thrombosis, Nos

Kidney

Degeneration, Nos

Mammary gland

Nephropathy

Pituitary gland

Dilatation, Ducts

Skin

Chromophobe Adenoma

Stomach

Tail

Hyperkeratosis

Forestomach

Hyperplasia, Epithelial

Forestomach

Inflammation, Acute/Chronic

Testis

Atrophy, Nos

Tubule

Calcification, Nos

Thyroid

Interstitial-Cell Tumor

Perivasculitis

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Stomach		Calcification, Nos
Testis		Interstitial-Cell Tumor
Urinary bladder		Calculus, Unknown Gross Or Micro
		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Prostate

Seminal vesicle

Nephrosis, Hydro

Hemorrhage

Inflammation, Acute

Hemorrhage

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Mammary gland

Unspecified

Multiple Organs Nos

Hyperplasia, Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Melamine
CAS Number: 108-78-1

Date Report Requested: 10/26/2014
Time Report Requested: 09:58:05
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1
DOSE: 4500 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
	Midlobular	Metamorphosis, Fatty
		Necrosis, Nos
Pituitary gland		Angiectasis
		Hyperplasia, Chromophobe Cell
Spleen	Follicles	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Periorbital Region	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Testis

Edema, Nos

Urinary bladder

Hyperplasia, Interstitial Cell

Calculus, Unknown Gross Or Micro

Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Degeneration, Nos
Kidney	Cortex	Adenocarcinoma, Nos
		Nephropathy
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Chronic
Skin	Abdomen	Fibroma
	Sebaceous Gland	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Liver

Salivary gland

Testis

Bile Duct

Degeneration, Cytologic

Inflammation, Acute

Hyperplasia, Nos

Abscess, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pancreas

Pituitary gland

Preputial gland

Prostate

Testis

Medulla

Bile Duct

Degeneration, Cytologic

Hyperplasia, Nos

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Congestion, Nos

Cyst, Nos

Hyperplasia, Chromophobe Cell

Abscess, Nos

Adenoma, Nos

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney	Tubule	Atrophy, Nos
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Atrophy, Nos
		Inflammation, Interstitial
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic
Urinary bladder		Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Hyperplasia, Nos
	Bile Duct	Hyperplasia, Chromophobe Cell
Pituitary gland		Interstitial-Cell Tumor
Testis		Calculus, Unknown Gross Or Micro
Urinary bladder		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Lung

Pancreas

Parathyroid gland

Stomach

Testis

Urethra

Urinary bladder

Retina

Tubule

Acinus

Pheochromocytoma

Atrophy, Nos

Cataract

Degeneration, Nos

Calcification, Nos

Nephropathy

Pigmentation, Nos

Atelectasis

Atrophy, Nos

Chief-Cell Adenoma

Calcification, Nos

Interstitial-Cell Tumor

Hyperplasia, Epithelial

Calculus, Unknown Gross Or Micro

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
Heart		Degeneration, Nos
Intestine Large	Colon	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Pheochromocytoma

Thrombosis, Nos

Eye

Hemorrhage

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchopneumonia Suppurative

Pancreas

Acinus

Atrophy, Nos

Preputial gland

Abscess, Nos

Stomach

Forestomach

Hyperplasia, Epithelial

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Ultimobranchial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Acute
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Atrophy, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic
	Leg	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney	Pelvis	Calcification, Nos
		Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Plasmacytosis
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Inflammation, Granulomatous
	Multiple Organs Nos	Leukemia, Myelomonocytic
Urinary bladder		Calculus, Unknown Gross Or Micro
		Hyperplasia, Epithelial
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic Pheochromocytoma
Brain		Pinealoma
Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Inflammation, Chronic Nephropathy
Liver	Bile Duct	Hemorrhage Hyperplasia, Nos Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Inflammation, Granulomatous
Mammary gland		Dilatation, Ducts
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Esophagus

Heart

Kidney

Liver

Lung

Lymph node

Prostate

Stomach

Testis

Bile Duct

Mandibular Lymph Node

Forestomach

Forestomach

Degeneration, Cytologic

Hyperkeratosis

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Inflammation, Suppurative

Inflammation, Suppurative

Adenoma, Nos

Inflammation, Suppurative

Ulcer, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Urinary bladder		Calculus, Unknown Gross Or Micro
		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Epididymis

Eye

Retina

Heart

Kidney

Liver

Bile Duct

Salivary gland

Testis

Unspecified

Urinary bladder

Abdominal Cavity

Pheochromocytoma

Granuloma, Spermatic

Atrophy, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Inflammation, Granulomatous

Calculus, Unknown Gross Or Micro

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Prostate

Testis

Pheochromocytoma

Degeneration, Nos

Hyperplasia, Epithelial

Nephropathy

Adenosquamous Carcinoma

Adenoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pancreas

Pituitary gland

Testis

Urinary bladder

Bile Duct

Degeneration, Cytologic

Nephropathy

Hyperplasia, Nos

Cyst, Multilocular

Hyperplasia, Chromophobe Cell

Interstitial-Cell Tumor

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Unspecified

Centrilobular

Groin

Nephropathy

Cloudy Swelling

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Testis	Interstitial-Cell Tumor
Urinary bladder	Calculus, Unknown Gross Or Micro
	Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver
Lung
Testis

Colon

Bile Duct

Multiple Organs Nos

Pheochromocytoma
Degeneration, Nos
Nematodiasis
Nephropathy
Hyperplasia, Nos
Inflammation, Acute/Chronic
Atrophy, Nos
Interstitial-Cell Tumor
Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Liver

Lymph node

Pancreas

Pituitary gland

Spleen

Stomach

Testis

Unspecified

Bile Duct

Mandibular Lymph Node

Acinus

Forestomach

Multiple Organs Nos

Necrosis, Nos

Hemorrhage

Hyperplasia, Nos

Plasmacytosis

Atrophy, Nos

Hematoma, Nos

Accessory Spleen

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Meninges	Inflammation, Acute
Heart		Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Squamous Cell Carcinoma, Metastatic
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Hyperplasia, Nos
Salivary gland		Squamous Cell Carcinoma
Spleen	Follicles	Atrophy, Nos
Stomach		Calcification, Nos
Testis		Atrophy, Nos
	Spermatid	Cytomegaly
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Pituitary gland

Testis

Bile Duct

Degeneration, Cytologic

Degeneration, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Cyst, Nos

Hyperplasia, Chromophobe Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Skin	Abdomen	Trichoepithelioma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye		Cataract
Kidney	Pelvis	Calculus, Unknown Gross Or Micro
		Nephropathy
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Perivasculitis

Heart

Thrombosis, Nos

Kidney

Degeneration, Nos

Inflammation, Chronic

Liver

Centrilobular

Nephropathy

Lung

Necrosis, Nos

Inflammation, Granulomatous

Spleen

Follicles

Atrophy, Nos

Stomach

Forestomach

Trichobezoar

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Spleen

Testis

Thyroid

Bile Duct

Pheochromocytoma

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Cyst, Nos

Hematopoiesis

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Mammary gland

Testis

Degeneration, Nos

Nephropathy

Metamorphosis, Fatty

Dilatation, Ducts

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 4500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Inflammation, Chronic Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Unspecified		Neurofibroma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Hyperplasia, Focal

Kidney

Degeneration, Nos

Liver

Nephropathy

Pancreas

Bile Duct

Hyperplasia, Nos

Pituitary gland

Acinus

Atrophy, Nos

Skin

Chromophobe Adenoma

Stomach

Trichoepithelioma

Testis

Inflammation, Acute/Chronic

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Coronary Artery Nos

Inflammation, Chronic

Mesenteric Artery Nos

Inflammation, Chronic

Coronary Artery Nos

Necrosis, Fibrinoid

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Degeneration, Hydropic

Pituitary gland

Chromophobe Adenoma

Prostate

Inflammation, Active Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Portal Tract	Inflammation, Active Chronic
Lymph node	Mandibular Lymph Node	Inflammation, Active Chronic
Spleen		Hyperplasia, Reticulum Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Brain
Degeneration, Cytologic

Heart
Astrocytoma

Kidney
Degeneration, Nos

Liver
Pelvis
Calcification, Nos

Centrilobular
Degeneration, Nos

Bile Duct
Hyperplasia, Nos

Lung
Metamorphosis, Fatty

Lymph node
Bronchopneumonia, Acute

Pituitary gland
Mandibular Lymph Node
Lymphangiectasis

Testis
Degeneration, Cytologic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Pituitary gland

Chromophobe Adenoma

Prostate

Inflammation, Suppurative

Testis

Atrophy, Nos

Urinary bladder

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Testis

Bile Duct

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Thyroid

Unspecified

Bile Duct

Abdominal Cavity

Pheochromocytoma

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Inflammation, Granulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Mammary gland		Dilatation, Ducts
	Mammary Lobule	Hyperplasia, Nos
Pituitary gland		Chromophobe Carcinoma
Prostate		Inflammation, Chronic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Lung

Pancreas

Testis

Acinus

Granuloma, Nos

Degeneration, Nos

Nephropathy

Granuloma, Nos

Pneumonia, Chronic Murine

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Eye

Heart

Kidney

Liver

Testis

Unspecified

Retina

Bile Duct

Multiple Organs Nos

Inflammation, Granulomatous

Atrophy, Nos

Cataract

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Bile Duct Carcinoma
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Stomach	Forestomach	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hypoplasia, Nos
Brain		Hemorrhage
Eye		Cataract
	Tunica Vasculosa	Hemorrhage
Heart		Degeneration, Nos
	Atrium	Thrombosis, Nos
Liver		Abscess, Nos
	Centrilobular	Hemosiderosis
	Centrilobular	Metamorphosis, Fatty
Lymph node	Hepatic Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Dilatation, Ducts
Spleen	Follicles	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
Brain	Cerebellum Nos	Hemorrhage
Heart		Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Portal Tract	Inflammation, Acute/Chronic
Spleen	Follicles	Atrophy, Nos
		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Atrophy, Nos
	Spermatid	Cytomegaly

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Cataract

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Neoplastic Nodule

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart		Degeneration, Nos
Kidney	Tubule	Dilatation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Perivasculitis
Lymph node	Renal Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Mammary gland		Lymphangiectasis
Stomach	Forestomach	Fibroadenoma
Testis		Inflammation, Acute/Chronic
		Atrophy, Nos
Thyroid		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	C-Cell Adenoma
		Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Eye

Retina

Atrophy, Nos

Cataract

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Granuloma, Nos

Bile Duct

Hyperplasia, Nos

Pituitary gland

Chromophobe Adenoma

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Perivasculitis

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pituitary gland

Testis

Bile Duct

Pheochromocytoma

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Tubule

Liver

Bile Duct

Prostate

Skeletal muscle

Back

Testis

Urinary bladder

Degeneration, Cytologic

Hemorrhage

Degeneration, Nos

Hyperplasia, Epithelial

Nephrosis, Hydro

Pigmentation, Nos

Pyelonephritis, Acute/Chronic

Hyperplasia, Nos

Inflammation, Active Chronic

Fibrosarcoma

Interstitial-Cell Tumor

Hyperplasia, Epithelial

Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Blood vessel	Portal Vein	Thrombosis, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Preputial gland		Adenocarcinoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Prostate

Stomach

Testis

Unspecified

Abdominal Cavity

Pheochromocytoma

Degeneration, Nos

Nephropathy

Adenoma, Nos

Hyperplasia, Epithelial

Sarcoma, Nos

Interstitial-Cell Tumor

Inflammation, Granulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Mammary gland

Testis

Bile Duct

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Dilatation, Ducts

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Liver

Pancreas

Pituitary gland

Prostate

Testis

Bile Duct

Acinus

Hypoplasia, Nos

Degeneration, Nos

Hyperplasia, Nos

Atrophy, Nos

Hyperplasia, Chromophobe Cell

Inflammation, Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Leg	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney	Cortex	Adenoma, Nos
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lung	Pleura Nos	Inflammation, Chronic
Pituitary gland		Hyperplasia, Chromophobe Cell
Testis		Interstitial-Cell Tumor
Unspecified	Abdominal Cavity	Hemorrhage
	Abdominal Cavity	Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Congestion, Nos
		Metamorphosis, Fatty
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic Nephropathy
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Aorta Nos

Perivasculitis

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Prostate

Inflammation, Chronic Suppurative

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Choroid Plexus Nos	Calcification, Nos
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Skin	Lower Leg	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Prostate		Adenoma, Nos
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

Heart

Thrombosis, Nos

Kidney

Degeneration, Nos

Liver

Nephropathy

Pancreas

Bile Duct

Granuloma, Nos

Testis

Acinus

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Bile Duct

Lung

Lymph node

Sacral Lymph Node

Pituitary gland

Spleen

Follicles

Stomach

Testis

Pheochromocytoma

Hypoplasia, Nos

Degeneration, Nos

Inflammation, Chronic

Nephropathy

Hyperplasia, Nos

Necrosis, Nos

Hemosiderosis

Histiocytosis

Cyst, Nos

Atrophy, Nos

Ulcer, Acute

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Epididymis

Heart

Kidney

Liver

Lung

Pituitary gland

Prostate

Stomach

Testis

Bile Duct

Forestomach

Mesothelioma, Nos

Degeneration, Nos

Pyelonephritis, Nos

Hyperplasia, Nos

Congestion, Nos

Adenoma, Nos

Inflammation, Suppurative

Inflammation, Acute

Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Chromophobe Cell
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Abdominal Cavity

Pheochromocytoma

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Fibroadenoma

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Ganglioneuroma

Kidney

Hyperplasia, Nos

Liver

Bile Duct

Nephropathy

Lung

Hyperplasia, Nos

Mammary gland

Granuloma, Nos

Pancreas

Acinus

Dilatation, Ducts

Pituitary gland

Atrophy, Nos

Spleen

Chromophobe Adenoma

Testis

Hematopoiesis

Unspecified

Abdominal Cavity

Interstitial-Cell Tumor

Inflammation, Granulomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Brain
Heart
Liver
Mammary gland

Choroid Plexus Nos

Bile Duct

Pituitary gland
Testis

Hypoplasia, Nos
Calcification, Nos
Degeneration, Nos
Hyperplasia, Nos
Dilatation, Ducts
Fibroadenoma
Angiectasis
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pituitary gland		Adenoma, Nos Cyst, Nos
Skin	Sebaceous Gland	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:05

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Mammary gland

Testis

Unspecified

Urinary bladder

Multiple Organs Nos

Degeneration, Cytologic

Osteosclerosis

Degeneration, Nos

Nephropathy

Metamorphosis, Fatty

Galactocele

Interstitial-Cell Tumor

Lymphoma, Histiocytic-Malignant Type

Calculus, Unknown Gross Or Micro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone

Heart

Pancreas

Testis

Unspecified

Mandible

Acinus

Multiple Organs Nos

Pheochromocytoma

Cyst, Nos

Degeneration, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Cytoplasmic Change, Eosinophilic
Pancreas	Bile Duct	Hyperplasia, Nos
Testis	Islets	Islet-Cell Adenoma Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Nasal cavity

Hemorrhage

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Mandible	Squamous Cell Carcinoma
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Nephropathy
Liver		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Degeneration, Cytologic

Pheochromocytoma

Eye

Retina

Atrophy, Nos

Cataract

Heart

Degeneration, Nos

Thrombosis, Nos

Kidney

Atrium

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Mammary gland

Hyperplasia, Nos

Spleen

Fibrosis

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 2300 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Pheochromocytoma

Eye

Retina

Thrombosis, Nos

Atrophy, Nos

Cataract

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

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

Adrenal gland

Bone marrow

Eye

Retina

Heart

Kidney

Liver

Testis

Pheochromocytoma

Inflammation, Granulomatous

Atrophy, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Carcinoma
Skin		Hyperplasia, Epithelial
		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Mesothelioma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye		Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
Skin	Tail	Hyperkeratosis
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract Inflammation, Chronic
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Dilatation, Ducts

Prostate

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney	Tubule	Pigmentation, Nos
Liver	Centrilobular	Necrosis, Nos
Lymph node	Renal Lymph Node	Hemorrhage
	Mandibular Lymph Node	Lymphangiectasis
Preputial gland		Carcinoma, Nos
Skin		Edema, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Retina

Heart

Kidney

Liver

Bile Duct

Lung

Pituitary gland

Preputial gland

Testis

Thyroid

Degeneration, Cytologic

Atrophy, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Alveolar/Bronchiolar Adenoma

Chromophobe Adenoma

Adenoma, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Granuloma, Nos

Bile Duct

Hyperplasia, Nos

Lymph node

Mandibular Lymph Node

Lymphangiectasis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Bile Duct

Acinus

Pheochromocytoma

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Atrophy, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Cytologic
Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Dilatation, Ducts
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid	Tunica Vaginalis	Mesothelioma, Nos
Unspecified	Multiple Organs Nos	C-Cell Adenoma Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Eye		Cataract
Heart		Degeneration, Nos
Intestine Large	Colon	Inflammation, Acute
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Cyst, Nos
		Hyperplasia, Chromophobe Cell
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye		Cataract
Liver	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia Suppurative
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Spleen	Follicles	Atrophy, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Kidney

Liver

Pancreas

Testis

Retina

Bile Duct

Acinus

Degeneration, Cytologic

Atrophy, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Bone

Lymph node

Mammary gland

Testis

Unspecified

Sternum

Renal Lymph Node

Multiple Organs Nos

Pheochromocytoma

Myelosclerosis

Histiocytosis

Dilatation, Ducts

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Testis

Pheochromocytoma

Degeneration, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Lymph node

Mandibular Lymph Node

Lymphangiectasis

Mandibular Lymph Node

Necrosis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

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

Kidney

Liver

Pituitary gland

Testis

Bile Duct

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Chromophobe Adenoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Intestine Large	Cecum, Colon	Inflammation, Granulomatous
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
Stomach		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Kidney
Liver
Pituitary gland

Pheochromocytoma
Inflammation, Granulomatous
Nephropathy
Hernia, Nos
Cyst, Nos
Hyperplasia, Chromophobe Cell
Adenoma, Nos
Squamous Cell Papilloma
Interstitial-Cell Tumor

Prostate

Skin

Testis

Ear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Liver

Granuloma, Nos

Bile Duct

Hyperplasia, Nos

Lymph node

Inflammation, Granulomatous

Mammary gland

Galactocele

Pituitary gland

Cyst, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ear		Inflammation, Chronic
Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Angiectasis Granuloma, Nos
Pancreas	Bile Duct Acinus Islets	Hyperplasia, Nos Atrophy, Nos Islet-Cell Carcinoma
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Chromophobe Cell

Testis

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Preputial gland

Prostate

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Adenocarcinoma, Nos

Adenoma, Nos

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney	Tubule	Dilatation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

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

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Dilatation, Ducts
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Urinary bladder		Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lymph node

Stomach

Testis

Bile Duct

Mesenteric Lymph Node

Mesenteric Lymph Node

Forestomach

Degeneration, Cytologic

Hyperplasia, Nos

Metamorphosis, Fatty

Hemorrhage

Lymphangiectasis

Hyperplasia, Epithelial

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute/Chronic
Lung		Alveolar/Bronchiolar Adenoma
		Bronchopneumonia Suppurative
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Chronic Suppurative
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ear	External Ear	Neurofibrosarcoma
Eye	Retina	Atrophy, Nos Cataract
Heart		Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pituitary gland		Chromophobe Carcinoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Cataract

Kidney

Inflammation, Chronic

Nephropathy

Skin

Nose

Squamous Cell Papilloma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Testis

Bile Duct

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Perivasculitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Cataract

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Cataract

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Islets

Islet-Cell Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Testis

Thyroid

Atrophy, Nos

Neoplasm, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Testis

Unspecified

Multiple Organs Nos

Degeneration, Cytologic

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla

Hyperplasia, Nos
Degeneration, Nos
Inflammation, Chronic
Nephropathy

Liver
Lymph node
Pancreas
Pituitary gland
Testis

Bile Duct
Mediastinal Lymph Node
Acinus

Hyperplasia, Nos
Hemorrhage
Atrophy, Nos
Chromophobe Adenoma
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Lymph node	Mandibular Lymph Node	Congestion, Nos
	Mandibular Lymph Node	Lymphangiectasis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Aorta Nos

Calcification, Medial

Heart

Degeneration, Nos

Kidney

Nephropathy

Mammary gland

Calcification, Nos

Parathyroid gland

Hyperplasia, Nos

Stomach

Calcification, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Lymphangiectasis
Prostate		Inflammation, Active Chronic
Spleen		Inflammation, Granulomatous
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Mineralization
		Nephrosis, Hydro
Liver	Bile Duct	Hyperplasia, Nos
Seminal vesicle		Carcinosarcoma
Stomach	Mucosa	Mineralization
Testis		Interstitial-Cell Tumor
Urinary bladder		Carcinosarcoma, Invasive

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Lung	Bronchopneumonia Suppurative
Pituitary gland	Chromophobe Adenoma
Prostate	Inflammation, Suppurative
Testis	Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Prostate		Adenoma, Nos
Skin	Chest	Basal-Cell Tumor
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Nephropathy
Liver		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Hyperplasia, Chromophobe Cell
Preputial gland		Adenocarcinoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Congestion, Nos
Pituitary gland	Chromophobe Adenoma
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50715

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Melamine

CAS Number: 108-78-1

Date Report Requested: 10/26/2014

Time Report Requested: 09:58:06

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Degeneration, Cytologic

Pheochromocytoma

Eye

Retina

Atrophy, Nos

Cataract

Heart

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Prostate

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****