

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

C Number:	C55652
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_051

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Angiectasis
Bone marrow		Calcification, Nos
Brain	Thalamus	Nephropathy
Kidney		Inflammation, Chronic
Preputial gland		Metaplasia, Squamous
Spleen		Hyperplasia, Lymphoid
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_052

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Cytoplasmic Change, Eosinophilic Hepatocellular Carcinoma
Preputial gland		Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_053

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Kidney		Mineralization
		Nephropathy
Lung		Inflammation, Chronic
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Chronic Focal
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_054

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Thalamus

Calcification, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_055

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Pancreas
Preputial gland
Spleen
Thymus

Cortex Nos
Acinus

Focal Cellular Change
Cytoplasmic Vacuolization
Dilatation, Nos
Lymphoma, Mixed-Malignant Type
Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_056

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Heart
Kidney
Liver
Preputial gland

Prostate
Salivary gland

Capsule
Thalamus

Hyperplasia, Stromal
Calcification, Nos
Inflammation, Chronic Focal
Nephropathy
Hepatocellular Adenoma
Dilatation, Nos
Metaplasia, Squamous
Perivascular Cuffing
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_057

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Heart	Pericardium Nos	Lymphocytic Inflammatory Infiltrate
Kidney		Mineralization Nephropathy
Liver		Focal Cellular Change
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_058

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Focal Cellular Change
Liver		
Lymph node	Mesenteric Lymph Node	Lymphoma, Undifferentiated-Malignant Type
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Dilatation, Nos Metaplasia, Squamous
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_059

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Lung
Urinary bladder

Cortex Nos
Myocardium Nos

Hyperplasia, Focal
Inflammation, Chronic
Perivascular Cuffing
Hepatocellular Adenoma
Perivascular Cuffing
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_060

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Capsule

Hyperplasia, Stromal
Hepatocellular Adenoma
Hepatocellular Carcinoma

Lymph node
Pancreas
Preputial gland

Mesenteric Lymph Node
Islets

Angiectasis
Hyperplasia, Nos
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_061

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma Necrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Spleen		Hematopoiesis
Thymus		Atrophy, Nos
Thyroid	Colloid	Crystals, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_062

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney
Liver
Lung
Preputial gland
Salivary gland
Spleen
Thymus

Cortex Nos
Thalamus

Cytomegaly
Calcification, Nos
Mineralization
Hepatocellular Adenoma
Alveolar/Bronchiolar Adenoma
Metaplasia, Squamous
Perivascular Cuffing
Hyperplasia, Lymphoid
Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Thalamus

Brain

Kidney

Preputial gland

Spleen

Thymus

Urinary bladder

Cortical Adenoma
Hyperplasia, Stromal
Calcification, Nos
Mineralization
Nephropathy
Dilatation, Nos
Hyperplasia, Lymphoid
Cyst, Multiple
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_064

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Heart	Myocardium Nos	Inflammation, Chronic Focal
Intestine Small	Ileum Mesentery Nos	Adenomatous Polyp, Nos Lymphoma, Mixed-Malignant Type
Kidney		Mineralization Nephropathy
Liver		Focal Cellular Change Inflammation, Chronic Focal
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Preputial gland		Dilatation, Nos Metaplasia, Squamous
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_065

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney		Perivascular Cuffing
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung		Congestion, Nos
Pancreas	Islets	Hyperplasia, Nos
		Perivascular Cuffing
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_066

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Mineralization
Kidney		Nephropathy
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Stomach	Glandular Stomach Glandular Stomach	Cyst, Nos Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_067

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Bone marrow		Angiectasis
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Pancreas	Islets	Hyperplasia, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_068

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Liver

Capsule
Thalamus

Spleen
Unspecified
Urinary bladder

Adipose Tissue

Hyperplasia, Stromal
Calcification, Nos
Focal Cellular Change
Hepatocellular Carcinoma
Hematopoiesis
Necrosis, Fat
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_069

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
	Cortex Nos	Hypertrophy, Focal
Brain	Thalamus	Calcification, Nos
Kidney	Cortex	Cyst, Multiple
	Cortex	Hyperplasia, Epithelial
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Stomach	Glandular Stomach	Hyperplasia, Focal
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_070

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood		Leukocytosis, Neutrophilic
Bone marrow		Hyperplasia, Granulocytic
Liver		Hematopoiesis
Pancreas		Inflammation, Acute/Chronic
Preputial gland		Dilatation, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_071

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Harderian gland
Kidney

Capsule
Thalamus
Harderian Gland

Hyperplasia, Stromal
Calcification, Nos
Carcinoma, Nos
Hyperplasia, Lymphoid
Mineralization

Lung

Nephropathy
Alveolar Macrophages
Perivascular Cuffing

Lymph node
Preputial gland
Salivary gland
Spleen
Thyroid

Mandibular Lymph Node

Carcinoma, Nos, Metastatic
Dilatation, Nos
Perivascular Cuffing
Lymphoma, Nos-Malignant
Degeneration, Nos

Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_072

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Ectopia Focal Cellular Change Nephropathy
Kidney		Hepatocellular Adenoma
Liver		Cytoplasmic Vacuolization
Pancreas	Acinus	Dilatation, Nos
Preputial gland		Inflammation, Chronic Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder	Cyst, Multiple
Kidney	Mineralization
Liver	Inflammation, Necrotizing
Lung	Hemorrhage
Preputial gland	Hyperplasia, Alveolar Epithelium
Salivary gland	Dilatation, Nos
Thymus	Perivascular Cuffing
	Cyst, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_074

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Intestine Small	Duodenum	Lymphoma, Nos-Malignant
Kidney		Nephropathy
Lung		Perivascular Cuffing
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Stomach		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_075

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Hematopoietic
Intestine Small	Ileum	Carcinoma, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Necrosis, Focal
		Perivascular Cuffing
Lung		Hepatocellular Carcinoma, Metastatic
		Lymphocytic Inflammatory Infiltrate
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis
Stomach	Forestomach	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_076

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Dilatation, Nos
Unspecified	Multiple Organs Nos	Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_077

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Angiectasis Mineralization Hepatocellular Adenoma Hepatocellular Carcinoma
Bone marrow		
Kidney		
Liver		
Preputial gland		Dilatation, Nos
Seminal vesicle		Necrosis, Nos
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_078

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Cyst, Multiple Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Gall bladder		Perivascular Cuffing
Kidney		Mineralization Nephropathy
Liver		Hepatocellular Carcinoma
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Skin	Cutaneous Gland Nos	Hyperplasia, Cystic
Stomach	Glandular Stomach	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_079

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Hypertrophy, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_080

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Brain	Thalamus	Calcification, Nos
Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Dilatation, Nos
Prostate		Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
	Cortex Nos	Focal Cellular Change
	Cortex Nos	Hyperplasia, Focal
	Capsule	Hyperplasia, Stromal
	Medulla	Metaplasia, Osseous
Kidney		Nephropathy
		Perivascular Cuffing
Lung		Hyperplasia, Adenomatous
		Perivascular Cuffing
Preputial gland		Dilatation, Nos
		Inflammation, Chronic
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_082

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Calcification, Nos
Brain	Thalamus	Perivascular Cuffing
Gall bladder		Mineralization
Kidney		Nephropathy
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_083

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Angiectasis Mineralization
Bone marrow		Hepatocellular Carcinoma
Kidney		Dilatation, Nos
Liver		Cyst, Multiple
Preputial gland		Hyperplasia, Follicular Cell
Thymus		Steatitis
Thyroid		
Unspecified	Mediastinum Nos	

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_084

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Harderian gland	Harderian Gland	Adenoma, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Salivary gland		Perivascular Cuffing
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_085

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach Forestomach	Cyst, Multiple Cyst, Nos
Thymus		Cyst, Nos
Thyroid	Follicle	Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_086

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Preputial gland
Salivary gland
Spleen
Stomach

Capsule
Thalamus

Glandular Stomach

Hyperplasia, Stromal
Calcification, Nos
Dilatation, Nos
Perivascular Cuffing
Hyperplasia, Lymphoid
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_087

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Preputial gland
Unspecified

Multiple Organs Nos

Dilatation, Nos
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_088

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Mineralization Nephropathy
Kidney		Hyperplasia, Nos Cyst, Nos Perivascular Cuffing Dilatation, Nos Hyperplasia, Lymphoid
Pancreas	Islets	
Parathyroid gland		
Salivary gland		
Seminal vesicle		
Spleen		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_089

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Vein Nos	Leukocytosis, Nos
Brain	Thalamus	Calcification, Nos
Eye		Hemorrhage
Harderian gland	Hardarian Gland	Adenoma, Nos
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_090

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Cortex Nos	Focal Cellular Change Hyperplasia, Stromal Hypertrophy, Focal Calcification, Nos
Brain	Thalamus	Nephropathy
Kidney		Dilatation, Nos
Preputial gland		Perivascular Cuffing
Prostate		Hyperplasia, Lymphoid
Spleen		Perivascular Cuffing
Urinary bladder		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_091

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Capsule

Focal Cellular Change
Hyperplasia, Stromal
Fibrosis
Mineralization
Inflammation, Acute
Fibrosis

Bone marrow

Kidney

Prostate

Spleen

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_092

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization
Liver		Hepatocellular Adenoma
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_093

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Fibrosis
Brain	Thalamus	Calcification, Nos
Kidney		Perivascular Cuffing
Liver		Focal Cellular Change
		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lymph node	Renal Lymph Node	Erythrophagocytosis
Pancreas	Acinus	Cytoplasmic Vacuolization
	Islets	Hyperplasia, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_094

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Preputial gland
Spleen
Stomach
Unspecified

Capsule

Glandular Stomach
Multiple Organs Nos

Hyperplasia, Stromal
Hyperplasia, Hematopoietic
Dilatation, Nos
Hematopoiesis
Inflammation, Acute/Chronic
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_095

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization
		Nephropathy
Lung		Perivascular Cuffing
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
		Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_096

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Ectopia Focal Cellular Change Hyperplasia, Stromal Angiectasis Mineralization Nephropathy Focal Cellular Change Hepatocellular Carcinoma
Bone marrow		Dilatation, Nos
Kidney		Hyperplasia, Lymphoid
Liver		Perivascular Cuffing
Preputial gland		
Spleen		
Unspecified	Multiple Organs Nos	

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 250 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Lung	Hemorrhage

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_098

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Pancreas	Acinus	Cytoplasmic Vacuolization
Preputial gland		Dilatation, Nos
Testis		Degeneration, Nos
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_099

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Kidney	Convolutated Tubules	Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Stomach	Mucosa	Hyperkeratosis
Thymus		Atrophy, Nos
		Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_100

TRT#: 1
DOSE: 250 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Mineralization Nephropathy
Kidney		Alveolar/Bronchiolar Adenoma
Lung		Atrophy, Focal
Pancreas		Dilatation, Nos
Preputial gland		Perivascular Cuffing
Salivary gland		Hemangiosarcoma
Spleen		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney

Prostate
Salivary gland

Cortex Nos
Thalamus

Focal Cellular Change
Calcification, Nos
Mineralization
Nephropathy
Perivascular Cuffing
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Liver
Spleen

Angiectasis
Hepatocellular Carcinoma
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Accidentally Killed

DAY ON TEST:
HISTO:

OBSERVATIONS

Preputial gland
Spleen
Thymus

Cyst, Nos
Hyperplasia, Lymphoid
Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Cyst, Nos Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Hyperplasia, Tubular Cell Mineralization
Liver		Hepatocellular Carcinoma
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
		Perivascular Cuffing
Liver		Hepatocellular Carcinoma
Lung	Alveoli	Cyst, Multiple
		Hemorrhage
		Perivascular Cuffing
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Salivary gland		Hemorrhage
		Perivascular Cuffing
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Angiectasis
Bone marrow		Calcification, Nos
Brain	Thalamus	Mineralization Nephropathy Tubular-Cell Adenoma
Kidney		Alveolar/Bronchiolar Adenoma
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Dilatation, Nos
Preputial gland		Hyperplasia, Lymphoid
Spleen		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Liver		Hemangiosarcoma
		Hepatocellular Adenoma
Lung	Alveoli	Hemorrhage
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Carcinoma
Preputial gland		Inflammation, Chronic
		Metaplasia, Squamous
Salivary gland		Mineralization
		Perivascular Cuffing
Spleen		Hematopoiesis
Unspecified		Necrosis, Fat

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Hyperplasia, Lymphoid Mineralization Nephropathy Perivascular Cuffing
Kidney		Alveolar Macrophages Alveolar/Bronchiolar Carcinoma
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Pancreas	Islets	Perivascular Cuffing
Prostate		Perivascular Cuffing
Salivary gland		Hyperplasia, Cystic
Thyroid	Follicle	

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Pancreas	Acinus	Cytoplasmic Vacuolization
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Carcinoma
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Nephropathy
Kidney		Focal Cellular Change
Liver		Hyperplasia, Nos
Pancreas	Islets	Dilatation, Nos
Preputial gland		Cyst, Nos
Thymus		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule

Hyperplasia, Stromal
Mineralization
Nephropathy
Hyperplasia, Alveolar Epithelium
Dilatation, Nos
Perivascular Cuffing
Hyperplasia, Lymphoid
Cyst, Multiple

Lung
Preputial gland
Prostate
Spleen
Thymus

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Hepatocytomegaly
Lung		Perivascular Cuffing
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Lymphocytic Inflammatory Infiltrate Nephropathy
Kidney		Hepatocellular Adenoma
Liver		Alveolar/Bronchiolar Adenoma
Lung		Dilatation, Nos
Preputial gland		Perivascular Cuffing
Salivary gland		Fibrous Histiocytoma
Unspecified		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney		Nephropathy
Lung		Perivascular Cuffing
Pancreas	Islets	Perivascular Cuffing Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma Perivascular Cuffing
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Esophagus		Perivascular Cuffing
Kidney		Mineralization
		Nephropathy
		Perivascular Cuffing
Liver		Hepatocellular Adenoma
Pancreas	Islets	Hyperplasia, Nos
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Calcification, Nos
Brain	Thalamus	Nephropathy
Kidney		Cytoplasmic Change, Basophilic
Liver		Perivascular Cuffing
Lung		Inflammation, Chronic
Preputial gland		Metaplasia, Squamous
Spleen		Ectopia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Angiectasis
Bone marrow		
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Liver		Inflammation, Chronic Focal
Pancreas	Acinus Acinus Islets	Cytoplasmic Vacuolization Degeneration, Nos Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Hyperplasia, Focal Hyperplasia, Stromal
Kidney	Tubule	Cyst, Multiple Hyperplasia, Tubular Cell Metaplasia, Osseous Mineralization
Lung		Alveolar/Bronchiolar Carcinoma Hemorrhage
Pancreas	Islets	Hyperplasia, Nos
Testis		Atrophy, Nos
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Carcinoma
Lung		Perivascular Cuffing
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
		Necrosis, Nos
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Hyperplasia, Focal Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Hyperplasia, Tubular Cell Mineralization
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization
		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Pituitary gland	Intermedia	Focal Cellular Change
Preputial gland		Metaplasia, Squamous
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Kidney	Cortex	Cyst, Nos
		Hyperplasia, Tubular Cell
		Mineralization
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid
		Lymphoma, Nos-Malignant
Unspecified	Multiple Organs Nos	Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Angiectasis
Kidney		Mineralization
		Nephropathy
Lymph node	Pancreatic Lymph Node	Angiectasis
	Pancreatic Lymph Node	Depletion, Lymphoid
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Nos
Thyroid	Follicle	Crystals, Nos
		Cyst, Nos
		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Brain	Thalamus	Calcification, Nos
Gall bladder		Hyperplasia, Papillary
Kidney		Nephropathy
Liver		Focal Cellular Change
Thymus		Cyst, Multiple

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule

Hyperplasia, Stromal
Mineralization
Nephropathy
Inflammation, Necrotizing
Dilatation, Nos
Perivascular Cuffing
Cyst, Multiple
Cyst, Nos

Liver
Preputial gland
Prostate
Thymus
Trachea

Gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Cortex Nos	Hyperplasia, Focal
Brain	Thalamus	Calcification, Nos
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Nos
Urinary bladder		Congestion, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Cortical Adenoma

Brain

Hyperplasia, Stromal

Intestine Small

Mesentery Nos

Perivascular Cuffing

Liver

Perivascular Cuffing

Lung

Hepatocellular Adenoma

Salivary gland

Perivascular Cuffing

Spleen

Perivascular Cuffing

Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Calcification, Nos
Brain	Thalamus	Mineralization
Kidney		Perivascular Cuffing
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Lung
Preputial gland
Spleen

Thalamus

Hemorrhage
Congestion, Nos
Inflammation, Acute
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Focal Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Hyperplasia, Tubular Cell
Liver		Hepatocytomegaly
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla	Focal Cellular Change Hyperplasia, Stromal Pheochromocytoma
Brain	Thalamus	Calcification, Nos
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney		Nephropathy Perivascular Cuffing
Lung		Alveolar/Bronchiolar Adenoma Fibrosis, Focal
	Alveoli	Hemorrhage
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Heart		Inflammation, Chronic Focal
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Multiple

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Lung
Preputial gland
Prostate
Spleen
Testis

Cortex Nos
Capsule

Focal Cellular Change
Hyperplasia, Stromal
Alveolar/Bronchiolar Carcinoma
Dilatation, Nos
Perivascular Cuffing
Hyperplasia, Lymphoid
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Cortex Nos

Adenoma, Nos
Focal Cellular Change

Brain
Kidney

Capsule
Thalamus

Hyperplasia, Stromal
Mineralization

Preputial gland
Spleen

Mineralization
Nephropathy
Dilatation, Nos
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla	Focal Cellular Change Hyperplasia, Stromal Pheochromocytoma
Brain	Thalamus	Calcification, Nos
Heart		Perivasculitis
Kidney		Lymphocytic Inflammatory Infiltrate Nephropathy
Liver		Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Reticulum Cell
Preputial gland		Dilatation, Nos
Prostate		Inflammation, Chronic
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Multiple Perivasculitis
Thymus		Cyst, Nos
Urinary bladder		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Cortical Adenoma
Hyperplasia, Stromal
Hepatocellular Adenoma
Alveolar/Bronchiolar Carcinoma
Dilatation, Nos
Lymphoma, Mixed-Malignant Type

Liver

Lung

Preputial gland

Spleen

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney	Cortex	Cyst, Nos
		Hyperplasia, Tubular Cell
		Mineralization
Lung		Hemorrhage
Preputial gland		Hyperkeratosis
Salivary gland		Perivascular Cuffing
Stomach	Glandular Stomach	Hyperplasia, Focal
Thymus		Cyst, Multiple
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen	Follicles	Atrophy, Nos
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization Nephropathy
Lung	Alveoli	Hemorrhage
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Multiple
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Kidney		Mineralization
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Thymus		Cyst, Multiple
Unspecified	Adipose Tissue	Necrosis, Fat
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Preputial gland
Salivary gland
Stomach

Capsule

Glandular Stomach

Hyperplasia, Stromal
Hepatocellular Adenoma
Dilatation, Nos
Perivascular Cuffing
Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Hyperplasia, Tubular Cell
Kidney		Cytoplasmic Vacuolization
Liver	Hepatocytes	Focal Cellular Change Inflammation, Chronic Focal Perivascular Cuffing
Lung		Dilatation, Nos
Preputial gland		Perivascular Cuffing
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Brain
Kidney

Pulmonary Vein Nos
Thalamus

Mineralization
Calcification, Nos
Nephropathy
Perivascular Cuffing
Hepatocellular Carcinoma
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Preputial gland
Unspecified

Cortex Nos
Multiple Organs Nos

Focal Cellular Change
Dilatation, Nos
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Hyperplasia, Lymphoid Nephropathy
Kidney		Cytoplasmic Vacuolization Hepatocellular Carcinoma
Liver		Perivascular Cuffing Dilatation, Nos
Lung		Perivascular Cuffing
Preputial gland		Hematopoiesis
Salivary gland		
Spleen		

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Eye	Lacrimal Gland	Hyperplasia, Nos
Kidney		Nephropathy
Lung		Perivascular Cuffing
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Inflammation, Acute/Chronic
Thymus		Cyst, Nos
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 125 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pancreas
Salivary gland
Testis

Capsule

Islets

Hyperplasia, Stromal
Nephropathy
Islet-Cell Adenoma
Perivascular Cuffing
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_101

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Heart		Perivascularitis
Kidney		Calcification, Nos Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
Preputial gland		Dilatation, Nos Metaplasia, Squamous
Prostate		Perivascular Cuffing Perivascularitis
Salivary gland		Perivascular Cuffing
Spleen		Angiectasis
Thyroid		Hyperplasia, Follicular Cell Perivascularitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_102

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney
Liver

Lung
Salivary gland

Thalamus

Cortical Adenoma
Calcification, Nos
Nephropathy
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia, Lymphoid
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_103

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney

Capsule
Thalamus

Hyperplasia, Stromal
Calcification, Nos
Mineralization
Nephropathy
Dilatation, Nos
Perivascular Cuffing
Cyst, Follicular Nos
Lymphoma, Nos-Malignant

Preputial gland
Salivary gland
Thyroid
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_104

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Degeneration, Nos
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization
		Nephropathy
		Perivascular Cuffing
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_105

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Kidney	Convolutated Tubules	Metamorphosis, Fatty
Prostate		Perivascular Cuffing
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_106

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye
Harderian gland
Kidney

Cornea
Harderian Gland

Lung

Pituitary gland
Preputial gland
Unspecified

Anterior Pituitary

Multiple Organs Nos

Vascularization
Adenoma, Nos
Mineralization
Nephrosis, Nos
Alveolar Macrophages
Alveolar/Bronchiolar Adenoma
Hyperplasia, Focal
Dilatation, Nos
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_107

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal Hyperplasia, Stromal Calcification, Nos
Brain	Thalamus	Nephropathy
Kidney		Fibrosis, Cholangio
Liver		Hepatocellular Adenoma
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Spleen		Hemangiosarcoma
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_108

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Mineralization Nephropathy
Kidney		Hepatocellular Adenoma Hepatocellular Carcinoma
Liver		Hyperplasia, Focal Necrosis, Fat
Stomach Unspecified	Glandular Stomach Adipose Tissue	

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_109

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Cortical Adenoma

Harderian gland

Hardarian Gland

Hyperplasia, Stromal

Kidney

Adenoma, Nos

Preputial gland

Mineralization

Nephropathy

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_110

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos Hemorrhage
Liver	Centrilobular	Metamorphosis, Fatty
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_111

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain		Mineralization
Liver		Angiectasis
		Hemangiosarcoma, Metastatic
	Hepatocytes	Metamorphosis, Fatty
		Necrosis, Nos
Spleen		Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_112

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Intestine Small	Mesentery Nos	Steatitis
Kidney		Hyperplasia, Lymphoid
		Nephropathy
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hepatocellular Carcinoma, Metastatic
		Hyperplasia, Lymphoid
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_113

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Focal Cellular Change Hypertrophy, Focal
Brain	Thalamus	Calcification, Nos
Kidney		Lymphocytic Inflammatory Infiltrate Nephropathy
Liver		Necrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic Metaplasia, Squamous
Salivary gland		Perivascular Cuffing
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_114

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Cortex Nos

Focal Cellular Change
Cyst, Multiple
Focal Cellular Change
Hepatocellular Carcinoma
Metaplasia, Squamous
Hematopoiesis
Lymphoma, Histiocytic-Malignant Type

Preputial gland
Spleen
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_115

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Thalamus

Brain

Kidney

Preputial gland

Prostate

Salivary gland

Spleen

Thymus

Cortical Adenoma
Hyperplasia, Stromal
Calcification, Nos
Inflammation, Chronic Focal
Dilatation, Nos
Perivascular Cuffing
Perivascular Cuffing
Hyperplasia, Lymphoid
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_116

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule

Hyperplasia, Stromal
Mineralization
Nephropathy
Hyperkeratosis
Perivascular Cuffing
Perivascular Cuffing

Preputial gland
Prostate
Salivary gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_117

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Heart	Myocardium Nos	Calcification, Nos
Kidney		Lymphocytic Inflammatory Infiltrate Mineralization Nephropathy
Liver		Hepatocellular Adenoma Metamorphosis, Fatty Necrosis, Focal
Lung		Perivascular Cuffing
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Hyperkeratosis Inflammation, Chronic
Spleen		Hyperplasia, Lymphoid
Thymus		Amyloidosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_118

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma
Focal Cellular Change
Hyperplasia, Hematopoietic
Hyperplasia, Tubular Cell
Lymphocytic Inflammatory Infiltrate
Nephropathy
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hematopoiesis
Atrophy, Focal
Cyst, Nos

Bone marrow

Kidney

Liver

Spleen

Testis

Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_119

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
		Perivascular Cuffing
Liver		Focal Cellular Change
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Thrombosis, Nos
Pancreas		Lymphocytic Inflammatory Infiltrate
Preputial gland		Dilatation, Nos
Prostate		Lymphocytic Inflammatory Infiltrate
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_120

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Mineralization Nephropathy
Kidney		Focal Cellular Change
Liver		Dilatation, Nos Inflammation, Chronic Metaplasia, Squamous
Preputial gland		Inflammation, Chronic Perivascular Cuffing
Prostate		
Urinary bladder		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_121

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Nos Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Focal Cellular Change
Preputial gland		Dilatation, Nos
Salivary gland		Metaplasia, Squamous Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_122

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Dilatation, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_123

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cortical Adenoma
	Capsule	Focal Cellular Change
Eye	Lens, Cortex	Hyperplasia, Stromal
Harderian gland	Harderian Gland	Cataract
Kidney		Adenoma, Nos
		Calcification, Nos
		Inflammation, Chronic Focal
		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Perivascular Cuffing
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Multiple
Thyroid		Cyst, Follicular Nos
		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_124

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Stomach	Glandular Stomach Glandular Stomach	Hyperplasia, Adenomatous Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_125

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
	Cortex Nos	Hypertrophy, Focal
Brain	Thalamus	Calcification, Nos
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lung		Lymphocytic Inflammatory Infiltrate
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_126

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Cortical Adenoma Hyperplasia, Stromal Hyperplasia, Granulocytic Mineralization Nephropathy
Bone marrow		Focal Cellular Change
Kidney		Inflammation, Chronic Focal
Liver		Ectopia
Parathyroid gland	Anterior Pituitary	Focal Cellular Change
Pituitary gland		Inflammation, Acute/Chronic
Preputial gland		Perivascular Cuffing
Salivary gland		Hyperplasia, Lymphoid
Spleen		Perivascular Cuffing
Urinary bladder		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_127

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Hepatocellular Carcinoma
Spleen		Hematopoiesis
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_128

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization
		Nephropathy
		Perivascular Cuffing
Preputial gland		Dilatation, Nos
Spleen		Fibrosis
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_129

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
Brain	Thalamus	Calcification, Nos
Gall bladder		Hyperplasia, Epithelial
Kidney		Cyst, Multiple
		Mineralization
		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Inflammation, Chronic
		Metaplasia, Squamous
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Thyroid	Follicle	Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_130

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Angiectasis
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Liver		Focal Cellular Change
		Hepatocellular Adenoma
Lung		Alveolar Macrophages
		Alveolar/Bronchiolar Adenoma
	Alveoli	Hemorrhage
Preputial gland		Dilatation, Nos
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_131

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Ectopia Focal Cellular Change Hyperplasia, Stromal Mineralization Nephropathy
Kidney		Focal Cellular Change Hepatocellular Adenoma
Liver		Hyperplasia, Nos Dilatation, Nos Inflammation, Acute/Chronic Metaplasia, Squamous
Pancreas Preputial gland	Islets	Perivascular Cuffing Hyperplasia, Lymphoid
Salivary gland		Perivascular Cuffing
Spleen		
Urinary bladder		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_132

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephropathy
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Preputial gland		Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_133

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone
Brain
Preputial gland
Salivary gland
Testis
Thymus

Thalamus

Enostosis
Calcification, Nos
Dilatation, Nos
Perivascular Cuffing
Atrophy, Focal
Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_134

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization Nephropathy
Liver		Degeneration, Nos Necrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_135

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Hyperplasia, Focal Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Inflammation, Chronic Focal Mineralization
Liver		Focal Cellular Change
Preputial gland		Dilatation, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_136

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization Nephropathy
Liver		Hepatocellular Adenoma
Lung		Atelectasis
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_137

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Lymphocytic Inflammatory Infiltrate
Heart		Perivascular Cuffing
Intestine Small	Mesentery Nos	Cyst, Nos
Kidney		Mineralization Nephropathy
Liver		Hepatocellular Adenoma
Lung		Perivascular Cuffing
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Stomach	Glandular Stomach	Hyperplasia, Nos
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_138

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney

Capsule
Thalamus

Hyperplasia, Stromal
Calcification, Nos
Mineralization
Nephropathy
Hyperplasia, Nos
Dilatation, Nos
Fibrosis, Focal

Pancreas
Preputial gland
Spleen

Islets

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_139

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization Nephropathy
Preputial gland		Dilatation, Nos
Thyroid	Colloid	Degeneration, Nos
Urinary bladder		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_140

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Liver

Capsule
Thalamus

Hyperplasia, Stromal
Calcification, Nos
Hepatocellular Carcinoma
Necrosis, Focal
Dilatation, Nos
Inflammation, Acute/Chronic
Perivascular Cuffing

Preputial gland
Stomach
Urinary bladder

Glandular Stomach

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_141

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Focal Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization Nephropathy
Lung		Alveolar Macrophages Alveolar/Bronchiolar Carcinoma
Lymph node	Renal Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_142

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Hyperplasia, Focal Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization Nephropathy
Liver		Necrosis, Focal
Lung		Alveolar Macrophages Alveolar/Bronchiolar Carcinoma
Preputial gland		Dilatation, Nos
Prostate		Inflammation, Chronic Focal
Salivary gland		Perivascular Cuffing
Spleen		Fibrosis
Stomach	Submucosa	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_143

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Hyperplasia, Focal Hyperplasia, Stromal
Brain	Cortex Nos	Hypertrophy, Focal
Kidney	Thalamus	Calcification, Nos Mineralization Nephropathy
Spleen	Perirenal Tissue	Perivascular Cuffing
Thymus		Hyperplasia, Lymphoid Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_144

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Preputial gland
Salivary gland
Stomach
Thymus

Cortex Nos
Thalamus

Serosa

Focal Cellular Change
Calcification, Nos
Dilatation, Nos
Perivascular Cuffing
Inflammation, Chronic Focal
Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_145

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Mineralization Nephropathy
Liver	Centrilobular	Degeneration, Nos Metamorphosis, Fatty
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos
Salivary gland		Perivascular Cuffing
Spleen		Lymphoma, Nos-Malignant
Thymus		Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_146

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
		Perivascular Cuffing
Liver		Hepatocellular Carcinoma
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH -

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_147

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Metaplasia, Osseous Nephropathy
Liver		Focal Cellular Change
Lung		Perivascular Cuffing
Pancreas	Islets	Hyperplasia, Nos
Preputial gland		Dilatation, Nos Inflammation, Acute/Chronic
Prostate		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_148

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Focal Cellular Change
Brain	Thalamus	Mineralization
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Multiple
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_149

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Capsule

Focal Cellular Change
Hyperplasia, Stromal

Brain

Thalamus

Calcification, Nos

Intestine Small

Ileum

Carcinoma, Nos

Kidney

Nephropathy

Spleen

Hematopoiesis

Urinary bladder

Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55652
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ephedrine sulfate
CAS Number: 134-72-5

Date Report Requested: 10/26/2014
Time Report Requested: 09:38:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_150

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney

Liver
Preputial gland

Salivary gland
Urinary bladder

Capsule
Thalamus

Hyperplasia, Stromal
Calcification, Nos
Mineralization
Perivascular Cuffing
Hepatocellular Carcinoma
Dilatation, Nos
Hyperkeratosis
Inflammation, Acute/Chronic
Perivascular Cuffing
Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****