

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: 11:11:29
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: Female

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_051

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Ovary		Cyst, Nos
Pancreas	Islets	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrium	Cyst, Multiple 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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_052

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Heart		Thrombosis, Nos
Ovary		Cyst, Nos
Pituitary gland	Intermedia	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Degeneration, Hyaline
	Glandular Stomach	Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

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* 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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_053

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Fibrosis
Brain	Thalamus	Calcification, Nos
Liver		Focal Cellular Change
		Hepatocellular Adenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_054

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla Capsule	Hyperplasia, Focal Hyperplasia, Stromal
Liver		Necrosis, Focal
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_055

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Hepatocellular Adenoma
Ovary		Luteoma
Pancreas	Islets	Hyperplasia, Nos
Thyroid		Hyperplasia, Follicular Cell
		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_056

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Ovary
Unspecified

Capsule
Multiple Organs Nos

Hyperplasia, Stromal
Cyst, Hemorrhagic
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_057

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Pancreas	Islets	Hyperplasia, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus		Cyst, Nos
	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_058

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Cyst, Multiple Hyperplasia, Stromal Hyperplasia, Granulocytic
Bone marrow		Degeneration, Nos
Kidney	Convolutated Tubules	Alveolar/Bronchiolar Adenoma
Lung		Cyst, Nos
Ovary		Lymphoma, Mixed-Malignant Type
Unspecified	Multiple Organs Nos	
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_059

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Capsule

Adenoma, Nos
Hyperplasia, Stromal
Degeneration, Nos
Perivascular Cuffing
Hemangiosarcoma
Dilatation, Nos

Salivary gland

Unspecified
Uterus

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_060

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Pituitary gland
Spleen
Stomach
Thyroid
Urinary bladder
Uterus

Capsule
Anterior Pituitary

Glandular Stomach

Endometrium

Hyperplasia, Stromal
Adenoma, Nos
Hyperplasia, Lymphoid
Cyst, Multiple
Hyperplasia, Follicular Cell
Perivascular Cuffing
Angiectasis
Hemosiderosis
Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_061

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Degeneration, Nos
Liver		Hepatocellular Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_062

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Degeneration, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrium	Cyst, Multiple
		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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Pancreas	Islets	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Toe Nos	Squamous Cell Papilloma
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_064

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Cortical Adenoma Hyperplasia, Stromal Pigmentation, Nos Cyst, Nos
Liver		
Ovary		
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_065

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Degeneration, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_066

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Kidney	Glomerulus	Amyloidosis
Ovary		Angiectasis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_067

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Angiectasis Ectopia Hyperplasia, Stromal Perivascular Cuffing Hyperplasia, Lymphoid
Lung		Inflammation, Acute/Chronic
Spleen		Cyst, Nos
Stomach	Glandular Stomach	Hyperplasia, Follicular Cell
Thymus		Perivascular Cuffing
Thyroid		Cyst, Multiple
Urinary bladder		Dilatation, Nos
Uterus	Endometrium Endometrium	Inflammation, Acute

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_068

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Hyperplasia, Nos
Bone marrow		Fibrosis
Kidney		Perivascular Cuffing
Lung		Hyperplasia, Lymphoid
Mammary gland		Cyst, Multiple
Ovary		Cyst, Nos
		Granulosa-Cell Tumor
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Stomach		Inflammation, Chronic Focal
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_069

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Pituitary gland
Salivary gland
Stomach
Unspecified
Uterus

Capsule
Thalamus
Anterior Pituitary

Glandular Stomach
Multiple Organs Nos
Endometrium

Hyperplasia, Stromal
Calcification, Nos
Carcinoma, Nos
Atrophy, Nos
Cyst, Multiple
Hyperplasia, Lymphoid
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_070

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain		Fibrosarcoma, Metastatic
Kidney	Tubule	Cyst, Multiple
Ovary		Cyst, Multiple
		Granulosa-Cell Tumor
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hyperplasia, Lymphoid
Unspecified	Abdomen	Fibrosarcoma
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Cyst, Multiple
	Endometrial Stroma	Degeneration, Hyaline

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_071

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule Medulla	Focal Cellular Change Hyperplasia, Stromal Hypertrophy, Nos Hyperplasia, Granulocytic
Bone marrow		Calcification, Nos
Brain	Thalamus	Nephropathy
Kidney		Inflammation, Chronic
Ovary		Cyst, Nos
Parathyroid gland		Lymphoma, Mixed-Malignant Type
Spleen		Lymphangiectasis
Thymus		Cyst, Multiple
Uterus	Endometrium Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_072

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney	Convolutd Tubules	Degeneration, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Ovary
Unspecified
Uterus

Capsule
Multiple Organs Nos
Endometrium
Endometrium

Hyperplasia, Stromal
Cyst, Hemorrhagic
Lymphoma, Mixed-Malignant Type
Angiectasis
Cyst, Multiple
Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_074

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Capsule

Ectopia
Hyperplasia, Stromal

Bone marrow

Fibrosis
Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

Uterus

Endometrium

Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_075

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Hyperplasia, Focal Hyperplasia, Stromal Cyst, Nos
Ovary		Atrophy, Nos
Pancreas		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Lymphoma, Mixed-Malignant Type
Unspecified	Multiple Organs Nos	Cyst, Multiple
Uterus	Endometrium	

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_076

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Calcification, Nos
Liver		Hematopoiesis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_077

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Osteosclerosis
Brain	Thalamus	Calcification, Nos
Ovary		Cyst, Hemorrhagic
Spleen		Hematopoiesis
Thymus		Atrophy, 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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_078

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Ectopia Hyperplasia, Stromal Hemorrhage
Brain		Necrosis, Nos
Liver		Lymphoma, Lymphocytic-Malignant Type
Unspecified	Multiple Organs Nos	
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_079

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Spleen
Unspecified

Uterus

Capsule

Adipose Tissue
Multiple Organs Nos
Endometrium

Hyperplasia, Stromal
Hyperplasia, Lymphoid
Necrosis, Fat
Perivascular Cuffing
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_080

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Liver

Capsule

Hyperplasia, Stromal
Hyperplasia, Granulocytic
Hyperplasia, Lymphoid
Necrosis, Focal
Cyst, Nos
Perivascular Cuffing
Dilatation, Nos
Hyperplasia, Cystic

Ovary
Urinary bladder
Uterus

Endometrium

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Stomach	Forestomach	Inflammation, Acute/Chronic
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_082

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Capsule	Cyst, Nos Ectopia Hyperplasia, Stromal Hyperplasia, Nos
Bone		Fibrosis
Bone marrow		Cytomegaly
Heart	Myocardium Nos	Necrosis, Focal
Liver		Alveolar/Bronchiolar Adenoma
Lung		Hyperplasia, Lymphoid
Ovary		Cyst, Nos
Pancreas	Islets	Hyperplasia, Nos Inflammation, Chronic Focal
Stomach	Serosa	Inflammation, Chronic Focal
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_083

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Calcification, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Cyst, Multiple
	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_084

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Ovary
Thyroid

Capsule
Duodenum

Hyperplasia, Stromal
Ectopia
Cyst, Nos
Cyst, Nos
Inflammation, Granulomatous
Lymphoma, Lymphocytic-Malignant Type
Cyst, Multiple

Unspecified
Uterus

Multiple Organs Nos
Endometrium

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_085

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Harderian gland
Liver
Pancreas
Unspecified
Uterus

Capsule
Hardarian Gland

Multiple Organs Nos

Hyperplasia, Stromal
Adenoma, Nos
Necrosis, Focal
Acinar-Cell Adenoma
Lymphoma, Mixed-Malignant Type
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_086

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Ovary		Cyst, Multiple
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Neck	Sarcoma, Nos
Uterus	Endometrium	Cyst, Multiple
		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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_087

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Ovary
Pancreas
Spleen
Uterus

Cortex Nos

Endometrium

Angiectasis
Hyperplasia, Erythroid
Cyst, Hemorrhagic
Cyst, Nos
Erythropoiesis
Cyst, Multiple
Distention

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_088

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Lung		Hemorrhage
Mammary gland		Adenocarcinoma, Nos
Thyroid		Inflammation, Acute Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_089

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
	Cortex	Cholesterol Deposit
	Cortex	Cyst, Epidermal Inclusion
Kidney		Perivascular Cuffing
Lung		Perivascular Cuffing
Ovary		Cyst, Nos
Spleen		Hyperplasia, Lymphoid
Thyroid		Inflammation, Chronic Focal
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_090

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Ectopia Hyperplasia, Stromal Osteosclerosis
Bone		Calcification, Nos
Brain	Thalamus	Inflammation, Chronic Focal
Esophagus		Calcification, Nos
Ovary		Cyst, Multiple Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder		Perivascular Cuffing
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_091

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Mammary gland
Pancreas
Thyroid
Unspecified

Capsule

Islets

Multiple Organs Nos

Hyperplasia, Stromal
Cyst, Multiple
Hyperplasia, Nos
Hyperplasia, Follicular Cell
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_092

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Fibrosis
Bone marrow		Calcification, Nos
Brain	Thalamus	Nephropathy
Kidney		Cyst, Multiple
Mammary gland		Calcification, Nos
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_093

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Carcinoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Hemangioma
	Endometrium	Hyperplasia, Cystic
	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_094

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Lung		Hyperplasia, Adenomatous
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_096

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Fibrosis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_097

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Stomach
Unspecified
Uterus

Capsule
Forestomach
Multiple Organs Nos
Endometrium

Hyperplasia, Stromal
Ulcer, Nos
Lymphoma, Lymphocytic-Malignant Type
Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_098

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Unspecified
Uterus

Capsule
Multiple Organs Nos
Endometrium

Hyperplasia, Stromal
Lymphoma, Undifferentiated-Malignant Type
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_099

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Capsule

Hyperplasia, Focal
Hyperplasia, Stromal

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Unspecified

Multiple Organs Nos

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_100

TRT#: 1
DOSE: 250 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Ovary		Cyst, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Lung		Cyst, Nos
		Hyperplasia, Adenomatous
Ovary		Angiectasis
		Cyst, Nos
Pancreas	Acinus	Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Cyst, Multiple
	Endometrium	Inflammation, Acute

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Ovary
Spleen
Uterus

Capsule
Convolutated Tubules

Endometrium

Hyperplasia, Stromal
Degeneration, Hyaline
Hyperplasia, Lymphoid
Teratoma, Nos
Hyperplasia, Reticulum Cell
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Fibrosis
Brain	Thalamus	Calcification, Nos
Kidney	Convolutated Tubules	Degeneration, Nos
		Hyperplasia, Tubular Cell
Liver		Inflammation, Acute
		Necrosis, Focal
Pancreas	Islets	Angiectasis
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Necrosis, Focal
Pancreas	Acinus	Cytoplasmic Vacuolization
	Islets	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
	Lateral Ventricle Nos	Distention
Liver		Cytoplasmic Vacuolization
		Focal Cellular Change
		Necrosis, Focal
Ovary		Cyst, Nos
		Luteoma
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Stroma	Degeneration, Hyaline
	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Dilatation, Nos
	Endometrium	Inflammation, Suppurative

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Fibrosis
Liver		Hepatocellular Adenoma
Mammary gland		Fibroadenoma
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Endometrial Stromal Polyp

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Adenoma
Ovary		Cyst, Nos
Pancreas	Acinus	Focal Cellular Change
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cyst, Nos
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Lymph node	Mandibular Lymph Node	Hemorrhage
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Osteosclerosis
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Inflammation, Acute/Chronic
Thyroid		Cyst, Follicular Nos
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Hyperplasia, Nos
Bone marrow		Fibrosis
Spleen		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Cyst, Multiple
Ovary		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Follicular Cell
Thyroid		Lymphoma, Mixed-Malignant Type
Unspecified	Multiple Organs Nos	
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Unspecified
Uterus

Capsule
Multiple Organs Nos
Endometrium

Hyperplasia, Stromal
Lymphoma, Lymphocytic-Malignant Type
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Calcification, Nos
Urinary bladder		Perivascular Cuffing
Uterus	Endometrium	Cyst, Multiple
		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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Calcification, Nos
Kidney	Convolutated Tubules	Degeneration, Hyaline
Pituitary gland	Anterior Pituitary	Cytomegaly
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain
Lung

Capsule
Thalamus

Hyperplasia, Stromal
Calcification, Nos
Alveolar Macrophages
Alveolar/Bronchiolar Adenoma
Lymphoma, Mixed-Malignant Type
Cyst, Multiple

Unspecified
Uterus

Multiple Organs Nos
Endometrium

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Hyperplasia, Nos
Bone marrow		Fibrosis
Ovary		Calcification, Nos
		Cyst, Multiple
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Perivascular Cuffing
Uterus		Hemangioma
	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Fibrosis
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
Spleen		Angiectasis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Angiectasis
		Fibrosis
Brain	Thalamus	Calcification, Nos
		Perivascular Cuffing
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Hemorrhagic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemangiosarcoma
		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Kidney	Convolutated Tubules	Degeneration, Hyaline
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Uterus

Capsule

Endometrium

Hyperplasia, Stromal
Glomerulonephritis, Chronic
Congestion, Nos
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Hemangioma
		Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Lymphoma, Lymphocytic-Malignant Type
Ovary		Cyst, Nos
Spleen		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Liver		Necrosis, Focal
Lung		Perivascular Cuffing
Ovary		Cyst, Nos
Spleen		Lymphoma, Mixed-Malignant Type
Unspecified	Adipose Tissue	Necrosis, Fat
Urinary bladder		Perivascular Cuffing
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Nos
Brain	Thalamus	Calcification, Nos
	Hippocampus	Malacia
	Thalamus	Malacia
Kidney	Convolutated Tubules	Degeneration, Hyaline
		Nephropathy
Liver		Metamorphosis, Fatty
		Necrosis, Nos
Parathyroid gland		Cyst, Multiple
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Unspecified	Mediastinum Nos	Inflammation, Chronic Focal
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Hyperplasia, Nos
Bone marrow		Fibrosis
		Hyperplasia, Granulocytic
Brain	Thalamus	Calcification, Nos
Kidney	Glomerulus	Amyloidosis
Liver		Necrosis, Focal
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Urinary bladder		Perivascular Cuffing
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lymph node
Ovary
Unspecified
Uterus

Capsule
Mesenteric Lymph Node

Multiple Organs Nos

Hyperplasia, Stromal
Infarct, Nos
Cyst, Hemorrhagic
Lymphoma, Mixed-Malignant Type
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Capsule

Focal Cellular Change
Hyperplasia, Stromal
Cyst, Multiple

Ovary

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrium

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule Medulla	Hyperplasia, Stromal Pheochromocytoma
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Kidney		Nephropathy
Ovary		Cyst, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Mammary gland
Pituitary gland
Unspecified
Uterus

Capsule

Anterior Pituitary
Multiple Organs Nos
Endometrium

Hyperplasia, Stromal
Corpora Amylacea
Hyperplasia, Focal
Lymphoma, Undifferentiated-Malignant Type
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Cerebellum Nos	Hemorrhage
Liver		Necrosis, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
	Cortex Nos	Mineralization
	Cortex Nos	Pigmentation, Nos
Thyroid	Follicle	Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Angiectasis Hyperplasia, Stromal Hyperplasia, Nos Fibrosis
Bone		Calcification, Nos
Bone marrow		Degeneration, Nos
Brain	Thalamus Hippocampus Hippocampus	Perivascular Cuffing Metaplasia, Osseous Scar
Kidney	Capsule	Atrophy, Nos
Pancreas		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Stomach	Glandular Stomach Glandular Stomach	Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Glomerulonephritis, Subacute
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Pancreas
Stomach

Capsule
Islets
Glandular Stomach
Glandular Stomach
Multiple Organs Nos
Endometrium

Hyperplasia, Stromal
Hyperplasia, Nos
Cyst, Nos
Inflammation, Acute/Chronic
Lymphoma, Mixed-Malignant Type
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Hyperplasia, Granulocytic
Bone marrow		Calcification, Nos
Brain	Thalamus	Inflammation, Acute/Chronic
Intestine Small	Mesentery Nos	Glomerulonephritis, Subacute
Kidney		Abscess, Nos
Ovary		Hematopoiesis
Spleen		Hyperplasia, Plasma Cell
Thymus		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Leukemoid Reaction
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Heart	Myocardium Nos	Mineralization
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Pancreas
Pituitary gland
Thymus
Thyroid
Unspecified
Uterus

Capsule
Islets
Anterior Pituitary

Multiple Organs Nos

Hyperplasia, Stromal
Hyperplasia, Nos
Focal Cellular Change
Cyst, Nos
Inflammation, Chronic Focal
Lymphoma, Mixed-Malignant Type
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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Ovary

Capsule

Hyperplasia, Stromal
Cyst, Hemorrhagic
Cyst, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

Uterus

Tail

Osteosarcoma

Endometrium

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Hyperplasia, Nos
Bone marrow		Fibrosis
Brain	Thalamus	Calcification, Nos
Mammary gland		Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
	Cortex Nos	Hypertrophy, Focal
Brain	Thalamus	Calcification, Nos
Liver		Necrosis, Focal
Ovary		Cyst, Nos
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Cyst, Multiple
	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Mammary gland		Adenosquamous Carcinoma
Ovary	Mesovarium	Perivascular Cuffing
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder		Perivascular Cuffing
Uterus	Endometrium	Cyst, Multiple
	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Calcification, Nos
Heart	Myocardium Nos	Degeneration, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 125 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Hyperplasia, Nos
Bone		Fibrosis
Bone marrow		Hyperplasia, Nos
Pancreas	Islets	Adenoma, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Angiectasis Lymphoma, Histiocytic-Malignant Type
Spleen		Hyperplasia, Follicular Cell
Thyroid		Inflammation, Focal
Uterus	Endometrium	Cyst, Multiple 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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_101

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Focal Cellular Change
		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Hemorrhage
Pancreas		Cyst, Nos
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Stomach	Glandular Stomach	Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_102

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Ectopia Hyperplasia, Stromal
Heart	Epicardium	Inflammation, Granulomatous
Liver		Necrosis, Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos Inflammation, Chronic Focal
Unspecified	Mediastinum 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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_103

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Hyperplasia, Granulocytic
Bone marrow		Calcification, Nos
Brain	Thalamus	Hepatocellular Adenoma
Liver		Perivascular Cuffing
Lung		Hyperplasia, Nos
Pancreas	Islets	Hyperkeratosis
Stomach	Forestomach	Lymphoma, Mixed-Malignant Type
Unspecified	Multiple Organs Nos	Cyst, Multiple
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_104

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_105

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Ovary		Cyst, Nos
Pancreas	Acinus	Focal Cellular Change
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:29
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_106

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Harderian gland	Harderian Gland	Adenoma, Nos
Thymus		Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_107

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Mammary gland		Cyst, Multiple
Ovary		Cyst, Multiple
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Adipose Tissue	Congestion, Nos
	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_108

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Osteosclerosis
Bone marrow		Angiectasis
Lung		Perivascular Cuffing
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
		Hematoma, Organized
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_109

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_110

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Perivasculitis
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_111

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Ovary

Perivasculitis
Inflammation, Acute/Chronic
Necrosis, Focal
Teratoma, Nos
Hematopoiesis

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_112

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_113

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow

Capsule

Adenoma, Nos
Angiectasis
Hyperplasia, Granulocytic
Calcification, Nos
Hyperplasia, Lymphoid
Lymphoma, Mixed-Malignant Type
Cyst, Multiple

Brain
Spleen

Thalamus

Uterus

Endometrium

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_114

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal Hyperplasia, Nos Fibrosis
Bone		
Bone marrow		
Brain	Thalamus	Calcification, Nos
Liver		Necrosis, Focal
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_115

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Lung		Hemorrhage
Pancreas	Islets	Hyperplasia, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Cyst, Multiple
		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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_116

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Osteosclerosis
Kidney	Pelvis	Mineralization
Liver		Fibrosis
		Hepatocellular Adenoma
		Hyperplasia, Nodular
		Lipoidosis
		Perivascular Cuffing
Pancreas	Islets	Angiectasis
	Islets	Hyperplasia, Nos
Spleen		Lymphoma, Mixed-Malignant Type
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_117

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Lung		Hemorrhage
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thymus		Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	Angiectasis
	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_118

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
	Cortex	Cholesterol Deposit
Mammary gland		Cyst, Multiple
Ovary		Cyst, Multiple
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Degeneration, Hyaline
Unspecified	Adipose Tissue	Hemorrhage
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus		Angiectasis

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_119

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Lung		Hemorrhage
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Cyst, Multiple
		Hemangioma

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_120

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Hepatocellular Adenoma
Ovary		Cyst, Hemorrhagic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_121

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Liver		Hepatocellular Carcinoma
Pancreas	Islets	Hyperplasia, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_123

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Lung		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Urinary bladder		Perivascular Cuffing
Uterus	Endometrium	Angiectasis
	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_124

TRT#: 3
DOSE: 0

SEX: Female
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
Ovary		Cyst, Hemorrhagic
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Spleen		Hyperplasia, Lymphoid
Thymus		Cyst, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Perivascular Cuffing
Urinary bladder		Inflammation, Chronic Focal
Uterus		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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_125

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Capsule
Convolutated Tubules

Hyperplasia, Stromal
Degeneration, Hyaline
Glomerulonephritis, Subacute

Liver
Ovary
Unspecified
Uterus

Multiple Organs Nos
Endometrium

Necrosis, Nos
Cyst, Nos
Lymphoma, Mixed-Malignant Type
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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_126

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Lung		Congestion, Nos
		Hemorrhage
Pancreas	Islets	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Cyst, Multiple
	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_127

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Necrosis, Focal
Ovary		Cyst, Hemorrhagic
		Cyst, Multiple
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Thyroid		Follicular-Cell Adenoma
		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_128

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocytes	Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_129

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Cortex Nos
Cortex Nos
Capsule

Cyst, Nos
Focal Cellular Change
Hyperplasia, Focal
Hyperplasia, Stromal

Bone marrow

Ovary

Fibrosis
Angiectasis
Cyst, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Follicular-Cell Adenoma

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrium

Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_130

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
	Medulla	Pheochromocytoma
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_131

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
	Medulla	Pheochromocytoma
Brain	Thalamus	Calcification, Nos
Liver		Degeneration, Nos
Pituitary gland	Anterior Pituitary	Cyst, Hemorrhagic
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_132

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Mammary gland		Cyst, Multiple
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_133

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Hyperplasia, Nos
Bone marrow		Fibrosis
Brain	Thalamus	Calcification, Nos
Ovary		Cyst, Hemorrhagic
		Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_134

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Kidney	Glomerulus	Hypertrophy, Nos Nephropathy
Liver		Necrosis, Focal
Ovary		Cyst, Hemorrhagic Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Urinary bladder		Perivascular Cuffing
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_135

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone		Hyperplasia, Nos
Bone marrow		Fibrosis
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pancreas	Islets	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Cyst, Multiple
	Endometrium	Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_136

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Hepatocellular Adenoma
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Unspecified	Adipose Tissue	Hemangiosarcoma
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_137

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Heart		Perivascular Cuffing
Intestine Small	Mesentery Nos	Lymphocytic Inflammatory Infiltrate
Kidney	Perirenal Tissue	Perivascular Cuffing
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_138

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Eye
Intestine Small
Kidney

Capsule
Crystalline Lens
Mesentery Nos

Hyperplasia, Stromal
Cataract
Cyst, Multiple
Glomerulonephritis, Subacute
Nephropathy
Focal Cellular Change
Lymphoma, Mixed-Malignant Type
Dilatation, Nos

Pituitary gland
Unspecified
Uterus

Anterior Pituitary
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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_139

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Ectopia Hyperplasia, Stromal Hypoplasia, Nos
Brain	Thalamus	Calcification, Nos
Heart	Myocardium Nos	Calcification, Nos
Kidney		Hypoplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_140

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Hepatocellular Adenoma
		Necrosis, Focal
Ovary		Cyst, Hemorrhagic
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Thymus		Angiectasis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Cyst, Multiple
		Dilatation, Nos
		Hemangioma

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_141

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Uterus

Capsule
Endometrium

Hyperplasia, Stromal
Perivascular Cuffing
Cyst, Multiple
Hemangiosarcoma

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_142

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Ectopia Hyperplasia, Stromal Calcification, Nos
Brain	Thalamus	Nephropathy
Kidney		Hyperplasia, Nos
Pancreas	Islets	Cyst, Nos
Thymus		Lymphoma, Mixed-Malignant Type
Unspecified	Multiple Organs Nos	Dilatation, Nos
Uterus		

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_143

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Degeneration, Lipoid Hyperplasia, Stromal Nephropathy
Kidney		
Liver	Hepatocytes	Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hyperplasia, Reticulum Cell
Stomach	Forestomach	Inflammation, Chronic Focal
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_144

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Liver		Hepatocellular Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemangioma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_145	TRT#: 3 DOSE: 0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
<hr/> OBSERVATIONS			
Adrenal gland	Capsule	Hyperplasia, Stromal	
Bone		Osteosclerosis	
Bone marrow		Hyperplasia, Erythroid	
Lung		Perivascular Cuffing	
Mammary gland		Cyst, Multiple	
Ovary	Mesovarium	Perivascular Cuffing	
Pancreas	Islets	Hyperplasia, Nos	
Spleen		Hematopoiesis	
		Hyperplasia, Lymphoid	
Thymus		Lymphoma, Mixed-Malignant Type	
Urinary bladder		Perivascular Cuffing	
Uterus		Hemangioma	
	Endometrium	Hyperplasia, Cystic	
	Endometrium	Inflammation, Acute	
<hr/> 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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_146

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Necrosis, Focal
Ovary		Cyst, Nos
Spleen		Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_147

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Capsule

Hyperplasia, Stromal
Hepatocellular Carcinoma
Necrosis, Focal

Thymus
Unspecified
Uterus

Multiple Organs Nos
Endometrium
Endometrium

Cyst, Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic
Inflammation, Acute

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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_148

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Bone marrow		Hyperplasia, Granulocytic
Brain	Thalamus	Calcification, Nos
	Cortex	Gliosis
	Hippocampus	Inflammation, Acute/Chronic
Heart	Myocardium Nos	Fibrosis, Focal
Kidney	Convolutated Tubules	Degeneration, Nos
		Nephropathy
Lung		Perivascular Cuffing
Ovary	Mesovarium	Perivascular Cuffing
Pancreas	Islets	Hyperplasia, Nos
Salivary gland		Perivascular Cuffing
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Unspecified		Fibrosarcoma
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_149

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Stromal
Blood vessel	Pulmonary Vein Nos	Thrombosis, Nos
Brain	Thalamus	Calcification, Nos
	Corpus Callosum Nos	Malacia
Lung		Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic
Uterus	Endometrium	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: 11:11:30
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_150

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Capsule	Focal Cellular Change Hyperplasia, Stromal
Brain	Thalamus	Calcification, Nos
Liver		Angiectasis
Pituitary gland	Anterior Pituitary	Focal Cellular Change
Unspecified	Multiple Organs Nos	Carcinoma, Nos
Uterus	Endometrium	Lymphoma, Histiocytic-Malignant Type
		Dilatation, Nos
		Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****