

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

C Number: C55618

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Tubule

Angiectasis
Nephropathy
Pigmentation, Nos
Focal Cellular Change

Liver

Bile Duct

Hyperplasia, Focal
Hyperplasia, Cystic

Mammary gland

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spinal cord

Congestion, Nos

Spleen

Hematopoiesis

Stomach

Glandular Stomach

Pigmentation, Nos

Unspecified

Multiple Organs Nos

Degeneration, Cystic

Uterus

Inflammation, Chronic Focal

Endometrium

Endometrial Stromal Polyp

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Emphysema, Alveolar
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Pigmentation, Nos
Skin	Ear	Fibroma
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Spleen

Unspecified

Uterus

Multiple Organs Nos

Mediastinum Nos

Hemorrhage

Pigmentation, Nos

Congestion, Nos

Hemorrhage

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung		Histiocytosis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Eye	Lacrimal Gland	Atrophy, Focal
Heart		Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lung		Emphysema, Alveolar
		Hemorrhage
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Congestion, Nos
Uterus		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Eye

Heart

Liver

Lung

Spleen

Unspecified

Lacrimal Gland

Bile Duct

Multiple Organs Nos

Mediastinum Nos

Angiectasis

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Hyperplasia, Focal

Emphysema, Alveolar

Hematopoiesis

Pigmentation, Nos

Congestion, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Tail	Keratoacanthoma
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pituitary gland

Unspecified

Tubule

Bile Duct

Anterior Pituitary

Anterior Pituitary

Multiple Organs Nos

Angiectasis

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Hemorrhage

Cyst, Multiple

Hyperplasia, Focal

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Lung		Emphysema, Alveolar
Spleen		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Congestion, Nos
	Multiple Organs Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney

Colon

Liver

Tubule

Lung

Bile Duct

Mammary gland
Parathyroid gland

Pituitary gland

Anterior Pituitary

Spinal cord

Spleen

Unspecified

Multiple Organs Nos

Angiectasis
Parasitism
Nephropathy
Pigmentation, Nos
Focal Cellular Change
Hyperplasia, Focal
Pneumonia, Interstitial Chronic
Hyperplasia, Cystic
Hyperplasia, Focal
Adenoma, Nos
Congestion, Nos
Hematopoiesis
Pigmentation, Nos
Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic Focal
Kidney	Pelvis	Hemorrhage
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Hepatocytomegaly
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemangiosarcoma
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1
DOSE: 500.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Spinal cord

Spleen

Thyroid

Uterus

Angiectasis

Inflammation, Chronic Focal

Congestion, Nos

Cytoplasmic Vacuolization

Bronchopneumonia, Chronic

Congestion, Nos

Emphysema, Alveolar

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Hyperplasia, C Cell

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Pheochromocytoma

Pericardium Nos

Inflammation, Chronic Focal

Intestine Large

Colon

Steatitis

Kidney

Parasitism

Tubule

Nephropathy

Liver

Bile Duct

Pigmentation, Nos

Lung

Periportal

Hyperplasia, Focal

Pituitary gland

Anterior Pituitary

Inflammation, Chronic Focal

Spleen

Thyroid

Follicle

Hemorrhage

Hyperplasia, Alveolar Epithelium

Adenoma, Nos

Pigmentation, Nos

Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lymph node

Pancreas

Pituitary gland

Spleen

Tubule

Bile Duct

Periportal

Mesenteric Lymph Node

Anterior Pituitary

Angiectasis

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Hyperplasia, Focal

Inflammation, Chronic Focal

Hyperplasia, Lymphoid

Acinar-Cell Adenoma

Hyperplasia, Focal

Hematopoiesis

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pancreas		Cystic Ducts
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Angiectasis
Inflammation, Chronic Focal
Cyst, Nos
Nephropathy

Liver

Bile Duct
Periportal

Hyperplasia, Focal
Inflammation, Chronic Focal

Mammary gland

Pituitary gland

Anterior Pituitary
Anterior Pituitary

Fibroadenoma
Cyst, Multiple

Stomach

Glandular Stomach

Degeneration, Cystic

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Kidney	Tubule	Cytoplasmic Vacuolization
Lung		Hemorrhage
Salivary gland		Atrophy, Focal
Spleen		Hematopoiesis
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell
		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Bronchopneumonia, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 500.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
		Sarcoma, Nos, Metastatic
Mammary gland		Fibroadenoma
Nasal cavity	Nares	Sarcoma, Nos
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart	Pericardium Nos	Steatitis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Kidney

Lung

Spleen

Uterus

Meninges

Angiectasis

Congestion, Nos

Congestion, Nos

Emphysema, Alveolar

Histiocytosis

Hematopoiesis

Hyperplasia, Lymphoid

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Intestine Large	Colon	Parasitism
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Ovary		Cystadenoma, Nos
Pancreas	Islets	Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Focal
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Inflammation, Acute Focal
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Cortex Nos

Hyperplasia, Focal

Kidney

Pelvis

Metamorphosis, Fatty

Inflammation, Chronic Focal

Liver

Tubule

Hemorrhage

Unspecified

Bile Duct

Nephropathy

Pigmentation, Nos

Hyperplasia, Focal

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 500.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Brain		Astrocytoma
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Pancreas		Inflammation, Chronic Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spinal cord

Spleen

Uterus

Bile Duct

Anterior Pituitary

Angiectasis

Atrophy, Pressure

Inflammation, Chronic Focal

Nephropathy

Congestion, Nos

Hyperplasia, Focal

Congestion, Nos

Hyperplasia, Cystic

Adenoma, Nos

Congestion, Nos

Pigmentation, Nos

Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Skin		Inflammation, Chronic Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Liver

Lung

Lymph node

Pituitary gland

Spleen

Stomach

Unspecified

Bile Duct

Mesenteric Lymph Node

Anterior Pituitary

Glandular Stomach

Neck

Angiectasis

Inflammation, Chronic Focal

Hyperplasia, Focal

Congestion, Nos

Edema, Nos

Hyperplasia, Focal

Pigmentation, Nos

Degeneration, Cystic

Granuloma, Foreign Body

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Kidney

Tubule

Hyperplasia, Focal

Liver

Bile Duct

Pigmentation, Nos

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Spinal cord

Hyperplasia, Focal

Spleen

Angiectasis

Stomach

Congestion, Nos

Unspecified

Glandular Stomach

Hematopoiesis

Uterus

Head

Degeneration, Cystic

Multiple Organs Nos

Inflammation, Active Chronic

Zymbal gland

Endometrium

Inflammation, Chronic Focal

Endometrial Stromal Sarcoma

Hyperplasia, Cystic

Inflammation, Acute Focal

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal Metamorphosis, Fatty Necrosis, Coagulative
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Ovary

Spleen

Stomach

Unspecified

Forestomach

Multiple Organs Nos

Angiectasis

Inflammation, Chronic Focal

Nephropathy

Cyst, Parovarian

Hematopoiesis

Pigmentation, Nos

Squamous Cell Papilloma

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Hyperplasia, Focal

Intestine Large

Inflammation, Chronic Focal

Kidney

Colon

Parasitism

Liver

Tubule

Nephropathy

Bile Duct

Pigmentation, Nos

Periportal

Hyperplasia, Focal

Lung

Inflammation, Chronic Focal

Mammary gland

Congestion, Nos

Pancreas

Hyperplasia, Cystic

Spinal cord

Inflammation, Chronic Focal

Spleen

Congestion, Nos

Hematopoiesis

Stomach

Glandular Stomach

Pigmentation, Nos

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Esophagus

Liver

Lung

Spleen

Unspecified

Bile Duct

Bronchiole

Multiple Organs Nos

Mediastinum Nos

Mediastinum Nos

Hemorrhage

Hyperplasia, Focal

Hemorrhage

Hematopoiesis

Pigmentation, Nos

Congestion, Nos

Hemorrhage

Inflammation, Acute Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Lung

Spleen

Unspecified

Multiple Organs Nos

Mediastinum Nos

Angiectasis

Inflammation, Chronic Focal

Emphysema, Alveolar

Hemorrhage

Hematopoiesis

Pigmentation, Nos

Congestion, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1
DOSE: 500.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Esophagus

Liver

Lung

Spleen

Unspecified

Uterus

Bile Duct

Multiple Organs Nos

Mediastinum Nos

Hemorrhage

Hyperplasia, Focal

Edema, Nos

Hematopoiesis

Pigmentation, Nos

Congestion, Nos

Hemorrhage

Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver

Bile Duct
Periportal

Mammary gland
Pancreas
Pituitary gland

Acinus
Anterior Pituitary
Anterior Pituitary

Spinal cord
Spleen

Stomach
Unspecified

Glandular Stomach
Multiple Organs Nos

Angiectasis
Inflammation, Chronic Focal
Nephropathy
Focal Cellular Change
Hepatocytomegaly
Hyperplasia, Focal
Inflammation, Chronic Focal
Regeneration, Nos
Hyperplasia, Cystic
Hyperplasia, Focal
Cyst, Multiple
Hyperplasia, Focal
Congestion, Nos
Hematopoiesis
Pigmentation, Nos
Degeneration, Cystic
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Lung

Spleen

Unspecified

Multiple Organs Nos

Adipose Tissue

Mediastinum Nos

Angiectasis

Emphysema, Alveolar

Hemorrhage

Pigmentation, Nos

Congestion, Nos

Hemorrhage

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
Liver		Focal Cellular Change
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1
DOSE: 500.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Ovary		Adenocarcinoma, Nos, Invasive
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Adenocarcinoma, Nos
	Endometrium	Hyperplasia, Cystic
		Inflammation, Acute Focal
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Esophagus

Lung

Spleen

Unspecified

Uterus

Multiple Organs Nos

Parovarian

Hemorrhage

Emphysema, Alveolar

Hematopoiesis

Pigmentation, Nos

Congestion, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Brain	Ventricle	Hemorrhage
Kidney		Hyperplasia, Tubular Cell
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung		Emphysema, Alveolar
Lymph node	Mesenteric Lymph Node	Mastocytosis
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 500.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Focal
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Lung		Edema, Nos
		Emphysema, Alveolar
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Congestion, Nos
	Multiple Organs Nos	Hemorrhage
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Heart

Cortex Nos

Cortical Adenoma

Kidney

Hyperplasia, Focal

Inflammation, Chronic Focal

Liver

Tubule

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Lung

Bile Duct

Hepatocytomegaly

Hyperplasia, Focal

Pancreas

Hemorrhage

Histiocytosis

Spleen

Inflammation, Chronic Focal

Hematopoiesis

Thyroid

Pigmentation, Nos

Hyperplasia, Follicular Cell

Unspecified

Multiple Organs Nos

Congestion, Nos

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Esophagus		Hemorrhage
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Abscess, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Tubule

Liver

Lung

Spleen

Angiectasis

Congestion, Nos

Mineralization

Congestion, Nos

Congestion, Nos

Emphysema, Alveolar

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis
	Medulla	Hyperplasia, Focal
Kidney		Pheochromocytoma
	Tubule	Nephropathy
Liver		Pigmentation, Nos
	Bile Duct	Focal Cellular Change
Mammary gland		Hyperplasia, Focal
Ovary		Adenocarcinoma, Nos
Pancreas	Acinus	Cyst, Parovarian
	Acinus	Atrophy, Nos
Spinal cord		Hyperplasia, Focal
Spleen		Congestion, Nos
		Hematopoiesis
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Uterus		Inflammation, Chronic Focal
	Endometrium	Endometrial Stromal Polyp
		Hyperplasia, Cystic
		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Lymph node

Pituitary gland

Spinal cord

Spleen

Stomach

Unspecified

Tubule

Bile Duct

Mesenteric Lymph Node

Anterior Pituitary

Glandular Stomach

Multiple Organs Nos

Angiectasis

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Hyperplasia, Focal

Neoplastic Nodule

Congestion, Nos

Congestion, Nos

Cyst, Nos

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Degeneration, Cystic

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Congestion, Nos

Hemorrhage

Lung

Congestion, Nos

Spleen

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Tubule

Bile Duct

Periportal

Anterior Pituitary

Perineum

Pituitary gland

Skin

Spinal cord

Spleen

Thyroid

Unspecified

Multiple Organs Nos

Angiectasis

Pigmentation, Nos

Focal Cellular Change

Hyperplasia, Focal

Inflammation, Chronic Focal

Adenoma, Nos

Cyst, Epidermal Inclusion

Congestion, Nos

Pigmentation, Nos

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney	Pelvis	Hemorrhage
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Larynx

Liver

Lung

Spleen

Trachea

Unspecified

Periportal

Multiple Organs Nos

Angiectasis

Inflammation, Chronic Focal

Hemorrhage

Inflammation, Chronic Focal

Hemorrhage

Hyperplasia, Lymphoid

Pigmentation, Nos

Hemorrhage

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Spinal cord

Spleen

Stomach

Tubule

Bile Duct

Periportal

Anterior Pituitary

Glandular Stomach

Angiectasis

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Focal Cellular Change

Hyperplasia, Focal

Inflammation, Chronic Focal

Adenoma, Nos

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Pheochromocytoma

Kidney

Inflammation, Chronic Focal

Liver

Tubule

Nephropathy

Pigmentation, Nos

Pancreas

Bile Duct

Focal Cellular Change

Hyperplasia, Focal

Pituitary gland

Acinus

Atrophy, Nos

Inflammation, Chronic Focal

Spinal cord

Anterior Pituitary

Hyperplasia, Focal

Spleen

Congestion, Nos

Stomach

Glandular Stomach

Pigmentation, Nos

Uterus

Degeneration, Cystic

Endometrial Stromal Polyp

Parovarian

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Portal Vein	Dilatation, Nos
Esophagus		Sarcoma, Nos
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mesenteric Lymph Node	Edema, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Hyperkeratosis
Thyroid		Cyst, Follicular Nos
		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Metamorphosis, Fatty

Kidney

Inflammation, Chronic Focal

Liver

Tubule

Pigmentation, Nos

Lung

Bile Duct

Focal Cellular Change

Periportal

Hyperplasia, Focal

Pancreas

Acinus

Inflammation, Chronic Focal

Congestion, Nos

Hemorrhage

Spinal cord

Atrophy, Focal

Spleen

Fibrosis, Focal

Congestion, Nos

Uterus

Pigmentation, Nos

Hydrometra

Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis

Clitoral gland

Cortex Nos

Cortical Adenoma

Heart

Hyperplasia, Focal

Kidney

Abscess, Chronic

Inflammation, Chronic Focal

Liver

Tubule

Nephropathy

Pigmentation, Nos

Lung

Bile Duct

Focal Cellular Change

Hyperplasia, Focal

Mammary gland

Bronchiole

Congestion, Nos

Hemorrhage

Pancreas

Fibroadenoma

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Adenocarcinoma, Nos

Spinal cord

Anterior Pituitary

Adenoma, Nos

Spleen

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos

Metamorphosis, Fatty
Inflammation, Chronic Focal
Infarct, Nos

Liver

Tubule

Nephropathy
Pigmentation, Nos
Hepatocytomegaly
Hyperplasia, Focal
Necrosis, Coagulative

Stomach

Glandular Stomach

Degeneration, Cystic

Thyroid

Follicle

Cyst, Multiple

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Brain		Atrophy, Pressure
Heart		Inflammation, Chronic Focal
Intestine Large	Colon	Inflammation, Chronic Diffuse
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Nos
		Edema, Nos
		Hemorrhage
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas		Hemorrhage
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Keratoacanthoma
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Pancreas		Inflammation, Chronic Focal
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Cortex Nos

Hyperplasia, Focal

Kidney

Metamorphosis, Fatty

Inflammation, Chronic Focal

Liver

Tubule

Nephropathy

Pigmentation, Nos

Mammary gland

Focal Cellular Change

Neoplastic Nodule

Pancreas

Hyperplasia, Cystic

Pituitary gland

Inflammation, Chronic Focal

Spinal cord

Anterior Pituitary

Adenoma, Nos

Spleen

Congestion, Nos

Hematopoiesis

Stomach

Glandular Stomach

Pigmentation, Nos

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Hyperplasia, Focal

Kidney

Inflammation, Chronic Focal

Liver

Mineralization

Lung

Focal Cellular Change

Congestion, Nos

Spleen

Foreign Material, Nos

Uterus

Hemorrhage

Pigmentation, Nos

Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Hyperplasia, Focal

Kidney

Inflammation, Chronic Focal

Liver

Tubule

Nephropathy

Pigmentation, Nos

Pancreas

Bile Duct

Focal Cellular Change

Hyperplasia, Focal

Pituitary gland

Anterior Pituitary

Inflammation, Chronic Focal

Adenoma, Nos

Spleen

Anterior Pituitary

Hyperplasia, Focal

Hematopoiesis

Stomach

Glandular Stomach

Pigmentation, Nos

Uterus

Degeneration, Cystic

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spinal cord		Congestion, Nos
		Hemorrhage
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified		Hemorrhage
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Bronchopneumonia, Chronic
		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Focal
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Pituitary gland

Spinal cord

Spleen

Tubule

Bile Duct

Anterior Pituitary

Angiectasis

Inflammation, Chronic Focal

Congestion, Nos

Pigmentation, Nos

Focal Cellular Change

Hyperplasia, Focal

Congestion, Nos

Inflammation, Chronic Focal

Cyst, Nos

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

DOSE: 250.0 MG/KG

SEX: Female

DISP: Dosing Accident

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Ovary

Spleen

Thyroid

Uterus

Angiectasis

Inflammation, Chronic Focal

Congestion, Nos

Hemorrhage

Emphysema, Alveolar

Hemorrhage

Congestion, Nos

Hyperplasia, Lymphoid

Pigmentation, Nos

Hyperplasia, C Cell

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Lung

Spinal cord

Spleen

Thyroid

Unspecified

Thoracic Cavity Nos

Angiectasis

Inflammation, Chronic Focal

Congestion, Nos

Hemorrhage

Congestion, Nos

Pigmentation, Nos

Hyperplasia, C Cell

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spinal cord

Spleen

Uterus

Bile Duct

Anterior Pituitary

Endometrium

Angiectasis
Inflammation, Chronic Focal
Congestion, Nos
Nephropathy
Focal Cellular Change
Hyperplasia, Focal
Alveolar/Bronchiolar Adenoma
Hemorrhage
Histiocytosis
Fibroadenoma
Cyst, Multiple
Congestion, Nos
Hematopoiesis
Pigmentation, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
		Hemorrhage
		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Chronic Focal
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Uterus	Parovarian	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
		Cortical Adenoma
Clitoral gland		Adenoma, Nos
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Pancreas	Acinus	Hyperplasia, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Spinal cord

Spleen

Stomach

Tubule

Anterior Pituitary

Glandular Stomach

Angiectasis

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Inflammation, Chronic Focal

Hyperplasia, Focal

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hemorrhage
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Kidney

Tubule

Pheochromocytoma, Malignant

Nephropathy

Liver

Bile Duct

Pigmentation, Nos

Focal Cellular Change

Lung

Hyperplasia, Focal

Congestion, Nos

Edema, Nos

Hemorrhage

Pneumonia, Interstitial Chronic

Pituitary gland

Anterior Pituitary

Congestion, Nos

Skin

Hyperkeratosis

Spinal cord

Congestion, Nos

Spleen

Hematopoiesis

Unspecified

Multiple Organs Nos

Pigmentation, Nos

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Hyperplasia, Cystic
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Hyperkeratosis
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Ovary

Pancreas

Spleen

Uterus

Tubule

Bile Duct

Acinus

Endometrium

Angiectasis

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Hyperplasia, Focal

Granulosa-Cell Tumor

Atrophy, Nos

Hematopoiesis

Pigmentation, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Kidney	Tubule	Cyst, Nos
	Tubule	Cytoplasmic Vacuolization
Liver	Bile Duct	Hyperplasia, Focal
	Periportal	Metamorphosis, Fatty
Skin		Squamous Cell Carcinoma
Spinal cord		Congestion, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Nos
	Glandular Stomach	Erosion
	Forestomach	Hyperkeratosis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Brain		Hemorrhage
Heart		Inflammation, Chronic Focal
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Congestion, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Heart

Pheochromocytoma

Kidney

Inflammation, Chronic Focal

Nephropathy

Liver

Tubule

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Focal Cellular Change

Lung

Bile Duct

Hyperplasia, Focal

Mammary gland

Hemorrhage

Fibroadenoma

Pancreas

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Inflammation, Chronic Focal

Spinal cord

Adenoma, Nos

Spleen

Congestion, Nos

Hematopoiesis

Thyroid

Pigmentation, Nos

Uterus

Hyperplasia, C Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Hyperplasia, Focal Metamorphosis, Fatty Pheochromocytoma
Blood vessel	Mesenteric Artery Nos	Periarteritis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Bile Duct Periportal	Hyperplasia, Focal Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Mastocytosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
Stomach	Forestomach Forestomach Forestomach	Hyperplasia, Reticulum Cell Hyperkeratosis Inflammation, Chronic Focal
Uterus	Endometrium	Ulcer, Chronic Endometrial Stromal Polyp Hyperplasia, Cystic Inflammation, Chronic Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Tubule

Bile Duct

Periportal

Mammary gland

Pancreas

Pituitary gland

Acinus

Anterior Pituitary

Anterior Pituitary

Spleen

Thyroid

Angiectasis

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Congenital Malformation, Nos

Cytoplasmic Change, Basophilic

Focal Cellular Change

Hyperplasia, Focal

Inflammation, Chronic Focal

Hyperplasia, Cystic

Atrophy, Nos

Adenoma, Nos

Cyst, Multiple

Hematopoiesis

Pigmentation, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Periportal

Angiectasis

Nephropathy

Metamorphosis, Fatty

Emphysema, Alveolar

Hemorrhage

Histiocytosis

Congestion, Nos

Inflammation, Chronic Focal

Congestion, Nos

Pigmentation, Nos

Ovary

Pancreas

Spinal cord

Spleen

Stomach

Forestomach

Forestomach

Hyperkeratosis

Ulcer, Acute

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
		Cortical Adenoma
Brain		Atrophy, Pressure
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic Focal
		Peliosis Hepatis
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Endometrial Stromal Polyp
		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Esophagus		Hemorrhage
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Mineralization
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Lung		Emphysema, Alveolar
		Pneumonia, Interstitial Chronic
Skin		Hyperkeratosis
Spinal cord		Congestion, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
		Necrosis, Coagulative
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Tubule

Liver

Lung

Angiectasis

Inflammation, Chronic Focal

Congestion, Nos

Mineralization

Congestion, Nos

Emphysema, Alveolar

Foreign Material, Nos

Hemorrhage

Pigmentation, Nos

Congestion, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Small

Kidney

Mesentery Nos

Tubule

Liver

Pancreas

Spleen

Stomach

Glandular Stomach

Glandular Stomach

Uterus

Mineralization

Inflammation, Chronic Focal

Steatitis

Nephropathy

Pigmentation, Nos

Necrosis, Coagulative

Inflammation, Chronic Focal

Hematopoiesis

Pigmentation, Nos

Degeneration, Cystic

Erosion

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Clitoral gland

Heart

Kidney

Liver

Lung

Pituitary gland

Spinal cord

Spleen

Thyroid

Tubule

Bile Duct

Periportal

Anterior Pituitary

Angiectasis

Adenoma, Nos

Inflammation, Chronic Focal

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Hyperplasia, Focal

Inflammation, Chronic Focal

Congestion, Nos

Hemorrhage

Adenoma, Nos

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Cyst, Embryonal Duct

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
Pancreas		Inflammation, Chronic Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Intestine Large

Kidney

Colon

Tubule

Liver

Bile Duct

Lung

Spinal cord

Spleen

Uterus

Endometrium

Angiectasis

Inflammation, Chronic Focal

Parasitism

Nephropathy

Pigmentation, Nos

Congestion, Nos

Hyperplasia, Focal

Congestion, Nos

Histiocytosis

Pneumonia, Interstitial Chronic

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Brain		Hemorrhage
		Hydrocephalus, Internal
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hemorrhage
Spinal cord		Congestion, Nos
		Hemorrhage
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
		Infarct, Acute
	Periportal	Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Mediastinum Nos	Steatitis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 250.0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Adenocarcinoma, Nos
Brain		Infarct, Acute
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
		Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Hemorrhage
		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Trachea	Peritracheal Tissue	Hemorrhage
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Adrenal gland

Brain

Heart

Kidney

Liver

Lung

Spleen

Unspecified

Uterus

Bile Duct

Multiple Organs Nos

Angiectasis

Hemorrhage

Inflammation, Chronic Focal

Nephropathy

Hyperplasia, Focal

Edema, Nos

Hemorrhage

Pigmentation, Nos

Congestion, Nos

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
	Alveoli	Sclerosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Hyperplasia, Focal

Kidney

Inflammation, Chronic Focal

Liver

Tubule

Pigmentation, Nos

Lung

Bile Duct

Focal Cellular Change

Pancreas

Hyperplasia, Focal

Spinal cord

Histiocytosis

Spleen

Inflammation, Chronic Focal

Uterus

Endometrium

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Cortex Nos

Hyperplasia, Focal

Liver

Metamorphosis, Fatty

Inflammation, Chronic Focal

Lung

Periportal

Clear-Cell Change

Pituitary gland

Anterior Pituitary

Focal Cellular Change

Spinal cord

Inflammation, Chronic Focal

Spleen

Histiocytosis

Stomach

Glandular Stomach

Cyst, Multiple

Uterus

Endometrium

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Degeneration, Cystic

Parovarian

Hyperplasia, Cystic

Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
		Neoplastic Nodule
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified		Hemorrhage
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
		Necrosis, Coagulative
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Ulcer, Chronic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic Focal
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Pheochromocytoma

Brain

Hemorrhage

Heart

Inflammation, Chronic Focal

Kidney

Tubule

Pigmentation, Nos

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Focal

Periportal

Inflammation, Chronic Focal

Lung

Bronchopneumonia, Acute

Congestion, Nos

Pleura Nos

Inflammation, Acute Focal

Lymph node

Mesenteric Lymph Node

Inflammation, Acute Focal

Spinal cord

Congestion, Nos

Spleen

Follicles

Atrophy, Diffuse

Pigmentation, Nos

Uterus

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Focal
Brain		Atrophy, Pressure
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Multifocal
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Adenoma, Nos
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Kidney

Cortex Nos

Hyperplasia, Focal

Liver

Tubule

Metamorphosis, Fatty

Lung

Bile Duct

Pigmentation, Nos

Ovary

Periportal

Focal Cellular Change

Pituitary gland

Lung

Hyperplasia, Focal

Spinal cord

Anterior Pituitary

Inflammation, Chronic Focal

Spleen

Anterior Pituitary

Neoplastic Nodule

Stomach

Glandular Stomach

Hemorrhage

Uterus

Hyperplasia, Alveolar Epithelium

Pneumonia, Interstitial Chronic

Cyst, Parovarian

Cyst, Multiple

Hyperplasia, Focal

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Degeneration, Cystic

Fibrosis, Focal

Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Tubule

Angiectasis

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Focal Cellular Change

Hematopoiesis

Hyperplasia, Focal

Lung

Mammary gland

Bile Duct

Pneumonia, Interstitial Chronic

Fibroadenoma

Hyperplasia, Cystic

Pituitary gland

Spleen

Anterior Pituitary

Adenoma, Nos

Hematopoiesis

Pigmentation, Nos

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Tubule

Lung

Lymph node

Mammary gland

Pituitary gland

Spleen

Mesenteric Lymph Node

Anterior Pituitary

Angiectasis

Inflammation, Chronic Focal

Pigmentation, Nos

Focal Cellular Change

Metamorphosis, Fatty

Pneumonia, Interstitial Chronic

Pigmentation, Nos

Fibroadenoma

Cyst, Multiple

Hematopoiesis

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Fibrosis, Multifocal
	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Endometrial Stromal Polyp
		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
		Granuloma, Nos
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pituitary gland

Spleen

Thyroid

Perirenal Tissue

Tubule

Bile Duct

Bronchiole

Anterior Pituitary

Angiectasis

Hemorrhage

Pigmentation, Nos

Hyperplasia, Focal

Bronchopneumonia, Chronic

Foreign Material, Nos

Cyst, Multiple

Pigmentation, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Necrosis, Focal
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Mineralization
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis
	Medulla	Hyperplasia, Focal
Heart		Pheochromocytoma
Kidney		Inflammation, Chronic Focal
Liver		Congestion, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
		Hemorrhage
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Cortex Nos

Hyperplasia, Focal

Heart

Metamorphosis, Fatty

Kidney

Tubule

Inflammation, Chronic Focal

Liver

Pigmentation, Nos

Bile Duct

Focal Cellular Change

Periportal

Hyperplasia, Focal

Lung

Inflammation, Chronic Focal

Pancreas

Histiocytosis

Pituitary gland

Anterior Pituitary

Inflammation, Chronic Focal

Anterior Pituitary

Adenoma, Nos

Stomach

Glandular Stomach

Cyst, Multiple

Unspecified

Multiple Organs Nos

Degeneration, Cystic

Uterus

Leukemia, Mononuclear Cell

Endometrium

Endometrial Stromal Sarcoma

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Medulla

Pheochromocytoma

Liver

Inflammation, Chronic Focal

Focal Cellular Change

Bile Duct

Hyperplasia, Focal

Pancreas

Periportal

Inflammation, Chronic Focal

Spleen

Hematopoiesis

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Angiectasis Hyperplasia, Focal
Brain		Atrophy, Pressure
Heart		Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change Granuloma, Nos
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal Bronchopneumonia, Chronic Histiocytosis
		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Focal Cellular Change
		Hyperplasia, Focal
		Hypertrophy, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
Lung		Emphysema, Alveolar
		Pneumonia, Interstitial Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Endometrial Stromal Polyp
		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Spinal cord

Spleen

Tubule

Anterior Pituitary

Angiectasis

Inflammation, Chronic Focal

Pigmentation, Nos

Focal Cellular Change

Histiocytosis

Cyst, Multiple

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Congestion, Nos Hyperplasia, Focal Metamorphosis, Fatty
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Fibrosis, Focal Infarct, Nos Necrosis, Focal
Stomach	Glandular Stomach Glandular Stomach	Degeneration, Cystic Hemorrhage
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney	Pelvis	Calculus, Microscopic Examination Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Focal Cellular Change
	Periportal	Hyperplasia, Focal Inflammation, Chronic Focal Neoplastic Nodule
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Cortex Nos

Hyperplasia, Focal

Medulla

Metamorphosis, Fatty

Kidney

Pheochromocytoma

Tubule

Nephropathy

Liver

Pigmentation, Nos

Congenital Malformation, Nos

Cyst, Nos

Cytoplasmic Change, Basophilic

Focal Cellular Change

Bile Duct

Hyperplasia, Focal

Periportal

Inflammation, Chronic Focal

Lung

Hemorrhage

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Mammary gland

Hyperplasia, Cystic

Pancreas

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Multiple

Spinal cord

Congestion, Nos

Spleen

Hematopoiesis

Pigmentation, Nos

Stomach

Glandular Stomach

Degeneration, Cystic

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Intestine Large	Colon	Parasitism
Kidney	Tubule	Mineralization
	Tubule	Pigmentation, Nos
Liver		Congenital Malformation, Nos
		Congestion, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Nos
		Hemorrhage
Pancreas		Acinar-Cell Adenoma
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Granuloma, Nos
		Hyperplasia, Focal
		Hypertrophy, Nos
	Periportal	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
Lung		Emphysema, Alveolar
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Congestion, Nos
Uterus		Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Hyperplasia, Focal

Kidney

Tubule

Inflammation, Chronic Focal

Liver

Pigmentation, Nos

Angiectasis

Cytoplasmic Change, Basophilic

Focal Cellular Change

Bile Duct

Hyperplasia, Focal

Hypertrophy, Nos

Periportal

Inflammation, Chronic Focal

Lung

Congestion, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Multiple

Spleen

Hematopoiesis

Pigmentation, Nos

Thyroid

Hyperplasia, C Cell

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Kidney

Lymphocytosis

Liver

Nephropathy

Lung

Cytoplasmic Vacuolization

Mammary gland

Adenocarcinoma, Nos, Metastatic

Spleen

Pneumonia, Interstitial Chronic

Adenocarcinoma, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain		Atrophy, Pressure
Heart		Inflammation, Chronic Focal
Kidney	Pelvis	Hemorrhage
	Tubule	Mineralization
Liver		Nephropathy
		Focal Cellular Change
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
		Hemorrhage
		Inflammation, Active Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Cyst, Embryonal Duct
Uterus		Endometrial Stromal Polyp
		Hydrometra
		Inflammation, Acute Focal
		Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Medulla

Hyperplasia, Focal

Cortex Nos

Hyperplasia, Focal

Heart

Metamorphosis, Fatty

Intestine Large

Inflammation, Chronic Focal

Kidney

Colon

Parasitism

Liver

Tubule

Pigmentation, Nos

Bile Duct

Focal Cellular Change

Periportal

Hyperplasia, Focal

Mammary gland

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Hyperplasia, Cystic

Spinal cord

Cyst, Multiple

Spleen

Congestion, Nos

Stomach

Hematopoiesis

Uterus

Glandular Stomach

Pigmentation, Nos

Endometrium

Degeneration, Cystic

Endometrial Stromal Polyp

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Mineralization
	Tubule	Pigmentation, Nos
Liver		Clear-Cell Change
		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Hyperplasia, Focal
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Histiocytosis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Heart	Epicardium	Inflammation, Chronic Focal
Kidney	Pelvis	Hemorrhage
Liver		Metamorphosis, Fatty
Lung		Bronchopneumonia, Acute
Spleen	Bronchiole	Hemorrhage
		Hematopoiesis
Unspecified	Neck	Pigmentation, Nos
		Granuloma, Pyogenic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart		Congestion, Nos
Kidney	Tubule	Metamorphosis, Fatty
	Tubule	Mineralization
		Nephrosis, Hydro
Liver	Tubule	Pigmentation, Nos
	Periportal	Inflammation, Chronic Focal
		Metamorphosis, Fatty
Lung		Congestion, Nos
		Pneumonia, Interstitial Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Inflammation, Chronic Focal
Thyroid	Follicle	Cyst, Multiple
Urinary bladder		Hyperplasia, Epithelial
	Serosa	Inflammation, Chronic Focal
Uterus		Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Hyperplasia, Focal

Kidney

Tubule

Inflammation, Chronic Focal

Tubule

Mineralization

Liver

Pigmentation, Nos

Periportal

Focal Cellular Change

Lung

Inflammation, Chronic Focal

Mammary gland

Congestion, Nos

Pancreas

Fibroadenoma

Spinal cord

Inflammation, Chronic Focal

Spleen

Congestion, Nos

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Mineralization
	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Congestion, Nos
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Vein Nos	Inflammation, Acute Necrotizing
Esophagus		Hemorrhage
Intestine Small	Mesentery Nos	Hemorrhage
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Nos
		Squamous Cell Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Edema, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cyst, Embryonal Duct
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Heart

Hyperplasia, Focal

Intestine Large

Inflammation, Chronic Focal

Liver

Colon

Parasitism

Bile Duct

Focal Cellular Change

Periportal

Hyperplasia, Focal

Lung

Inflammation, Chronic Focal

Mammary gland

Histiocytosis

Pancreas

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Inflammation, Chronic Focal

Anterior Pituitary

Adenoma, Nos

Spinal cord

Cyst, Multiple

Spleen

Congestion, Nos

Stomach

Hematopoiesis

Uterus

Glandular Stomach

Pigmentation, Nos

Cervix Uteri

Degeneration, Cystic

Polyp, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Spinal cord

Spleen

Uterus

Tubule

Bile Duct

Anterior Pituitary

Endometrium

Angiectasis

Inflammation, Chronic Focal

Pigmentation, Nos

Focal Cellular Change

Hyperplasia, Focal

Cyst, Multiple

Congestion, Nos

Hematopoiesis

Pigmentation, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Hemorrhage
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Embryonal Duct
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus	Endometrium	Fibrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Necrosis, Focal
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis Cortical Adenoma
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos Congenital Malformation, Nos Focal Cellular Change
Liver		Hyperplasia, Focal
	Bile Duct	Inflammation, Chronic Focal
	Periportal	Hemorrhage Histiocytosis
Lung		Hyperplasia, Cystic
Mammary gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Congestion, Nos
Spinal cord		Hematopoiesis
Spleen		Pigmentation, Nos
	Glandular Stomach	Degeneration, Cystic
Stomach		Hyperplasia, C Cell
Thyroid		Endometrial Stromal Polyp
Uterus		Hyperplasia, Cystic
	Endometrium	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Metamorphosis, Fatty
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Inflammation, Chronic Focal
		Metamorphosis, Fatty
Lung		Congestion, Nos
		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Mineralization
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Hemorrhage
		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus	Endometrium	Hyperplasia, Cystic
	Parovarian	Steatitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Adenoma, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isophorone

CAS Number: 78-59-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:59:27

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Pancreas		Inflammation, Chronic Focal
Spleen		Metaplasia, Osseous
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55618
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isophorone
CAS Number: 78-59-1

Date Report Requested: 10/26/2014
Time Report Requested: 10:59:27
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Heart		Inflammation, Chronic Focal
Kidney	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Focal
	Periportal	Inflammation, Chronic Focal
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spinal cord		Congestion, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****