

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

C Number:	C55572
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C01

TRT#: 1
DOSE: 001.0 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C02

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Metaplasia, Osseous
Liver		Hepatocellular Carcinoma
Lung	Bronchiole	Hyperplasia, Epithelial
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C03

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Lymphocytic-Malignant Type
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C04

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C05

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C06

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Unspecified

Ileum
Multiple Organs Nos
Abdominal Cavity
Endometrium

Amyloidosis
Lymphocytic Inflammatory Infiltrate
Necrosis, Fat
Hyperplasia, Cystic

Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C07

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Hepatocellular Carcinoma, Metastatic Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C08

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Suppurative
Lung		Histiocytosis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C09

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Nasal cavity

Salivary gland

Unspecified

Uterus

Multiple Organs Nos

Endometrium

Inflammation, Suppurative

Focal Cellular Change

Lymphocytic Inflammatory Infiltrate

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C10

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Pituitary gland

Ileum
Anterior Pituitary
Anterior Pituitary

Spleen
Thyroid
Unspecified
Uterus

Multiple Organs Nos
Endometrium

Amyloidosis
Angiectasis
Hyperplasia, Focal
Hyperplasia, Lymphoid
Follicular-Cell Adenoma
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C11

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung		Inflammation, Interstitial
Mammary gland		Adenocarcinoma, Nos
Ovary		Cystadenoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C12

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Nasal cavity		Inflammation, Suppurative
Pancreas		Atrophy, Nos
		Dilatation, Ducts
		Periarteritis
Stomach	Forestomach	Squamous Cell Papilloma
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C13

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Inflammation, Suppurative
Ovary		Inflammation, Chronic Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C14

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Myelopoiesis
Liver		Myelopoiesis
Lung		Sarcoma, Nos, Metastatic
Lymph node	Mesenteric Lymph Node	Myelopoiesis
		Sarcoma, Nos, Metastatic
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
		Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C15

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large
Spleen
Stomach
Thyroid
Unspecified

Anus Nos

Forestomach

Multiple Organs Nos

Multiple Organs Nos

Squamous Cell Carcinoma

Hematopoiesis

Ulcer, Nos

Hyperplasia, Follicular Cell

Lymphocytic Inflammatory Infiltrate

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C16

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Unspecified	Mediastinum Nos	Sarcoma, Nos, Uncertain Primary Or Meta
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C17

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lung	Bronchiole	Hyperplasia, Epithelial
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C18

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C19

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Amyloidosis

Ovary

Cyst, Nos

Stomach

Forestomach

Hyperplasia, Epithelial

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Sarcoma, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C20

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C21

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C22

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung		Histiocytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C23

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
Liver		Hepatocellular Adenoma
Mammary gland		Inflammation, Chronic
Ovary		Angiectasis
		Cyst, Nos
Pancreas		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C24

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C25

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Inflammation, Suppurative
Lung		Inflammation, Interstitial
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C26

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C27

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C28

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Liver

Pancreas

Spleen

Mineralization

Necrosis, Nos

Dilatation, Ducts

Inflammation, Chronic

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C29

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Nasal cavity		Inflammation, Suppurative
Spleen		Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C30

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C31

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Spleen		Hematopoiesis
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Abscess, Nos
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C32

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Salivary gland		Lymphocytic Inflammatory Infiltrate
Stomach	Forestomach	Hyperplasia, Epithelial
Thymus		Lymphoma, Lymphocytic-Malignant Type
Thyroid		Cyst, Follicular Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C33

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Pancreas		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C34

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Adenoma, Nos
Kidney		Amyloidosis
Liver		Hepatocellular Adenoma
Ovary		Cyst, Nos
Spleen		Lymphoma, Mixed-Malignant Type
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C35

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Liver
Lung
Ovary
Spleen
Unspecified

Ileum

Lymphoma, Mixed-Malignant Type
Inflammation, Suppurative
Inflammation, Interstitial
Inflammation, Chronic Suppurative
Hematopoiesis
Lymphocytic Inflammatory Infiltrate

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C36

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic Hepatocellular Adenoma Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C37

TRT#: 1
DOSE: 001.0 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Skin
Unspecified
Uterus

Anterior Pituitary
Ear
Multiple Organs Nos
Endometrium

Hyperplasia, Focal
Squamous Cell Carcinoma
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic
Periarteritis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C38

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma Inflammation, Interstitial
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Thyroid		Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C39

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Lymph node	Mediastinal Lymph Node	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Lymphoid
Thyroid		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C40

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C41

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C42

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C43

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Spleen		Hyperplasia, Lymphoid
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C44

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Spleen		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C45

TRT#: 1
DOSE: 001.0 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Unspecified
Uterus

Anterior Pituitary
Multiple Organs Nos
Endometrium

Hyperplasia, Focal
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C46

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Pituitary gland	Intermedia	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C47

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Harderian gland
Ovary
Spleen
Thymus
Unspecified
Uterus

Hardarian Gland

Multiple Organs Nos
Endometrium

Adenoma, Nos
Cystadenoma, Nos
Hyperplasia, Lymphoid
Hyperplasia, Lymphoid
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C48

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Sup. Mesentric Vein	Thrombosis, Nos
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Cytoplasmic Vacuolization
Lung		Sarcoma, Nos, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C49

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Acute/Chronic
	Atrium	Thrombosis, Nos
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Perivasculitis
Salivary gland		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_C50

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C01

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C02

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C03

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Salivary gland

Cytoplasmic Change, Basophilic
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C04

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Mammary gland
Nasal cavity
Spleen
Uterus

Congestion, Nos
Lymphocytic Inflammatory Infiltrate
Lymphocytic Inflammatory Infiltrate
Lymphocytic Inflammatory Infiltrate
Adenocarcinoma, Nos
Inflammation, Suppurative
Hematopoiesis
Hemangioma

PRIMARY CAUSE OF DEATH -

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C05

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C06

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C07

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphoma, Mixed-Malignant Type
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C09

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
		Lymphoma, Mixed-Malignant Type
Lung		Inflammation, Interstitial
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C10

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Lymphocytic Inflammatory Infiltrate
Ovary	Angiectasis
	Thrombus, Fibrin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C11

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C12

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Sarcoma, Nos, Metastatic
Liver		Cytoplasmic Change, Basophilic
Lung		Sarcoma, Nos, Metastatic
Lymph node	Abdominal Lymph Node	Sarcoma, Nos, Metastatic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C13

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C14

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C15

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphoma, Mixed-Malignant Type
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C16

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic Leiomyoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C17

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C18

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
		Myelopoiesis
Spleen		Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C19

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Mixed-Malignant Type
Hyperplasia, Cystic
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C20

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C21

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C22

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Histiocytosis
Skin		Ulcer, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Tail	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C23

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary
Uterus

Endometrium

Cyst, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C24

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Uterus

Anterior Pituitary

Endometrium

Adenoma, Nos
Hemangioma
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C25

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Liver
Uterus

Ileum

Lymphoma, Mixed-Malignant Type
Lymphocytic Inflammatory Infiltrate
Hemorrhage
Hyperplasia, Cystic

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C26

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen
Unspecified

Multiple Organs Nos

Hematopoiesis
Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C27

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C28

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
		Lymphoma, Mixed-Malignant Type
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C29

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Lung		Sarcoma, Nos, Metastatic
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Thigh Nos	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C30

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Foreign Material, Nos
Salivary gland		Inflammation, Chronic
		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C31

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Liver
Spleen

Hardarian Gland

Adenoma, Nos
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C32

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cystadenoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C33

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder
Liver

Lymphocytic Inflammatory Infiltrate
Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C34

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C35

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Uterus

Anterior Pituitary
Endometrium

Adenoma, Nos
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C36

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C37

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Lymphocytic Inflammatory Infiltrate
Pancreas	Inflammation, Chronic Suppurative
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C38

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C39

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Mixed-Malignant Type
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C40

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Lung		Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mesenteric Lymph Node	Hematopoiesis
Unspecified		Sarcoma, Nos
	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C41

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Inflammation, Suppurative Lymphocytic Inflammatory Infiltrate
Ovary		Abscess, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Uterus	Endometrium	Hyperplasia, Cystic Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C42

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphoma, Mixed-Malignant Type
Stomach	Forestomach	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C43

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Lymphocytic Inflammatory Infiltrate
Uterus	Hematoma, Nos
Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C44

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Inflammation, Suppurative Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C45

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Liver
Stomach
Uterus

Ileum, Ileum
Forestomach
Endometrium

Lymphoma, Mixed-Malignant Type
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Epithelial
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C46

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C47

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Lymphocytic Inflammatory Infiltrate
Unspecified	Leg	Trichoepithelioma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C48

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C49

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach
Uterus

Forestomach
Endometrium

Hyperplasia, Epithelial
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_C50

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C01

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Thymus
Unspecified
Uterus

Anterior Pituitary
Multiple Organs Nos
Endometrium

Adenoma, Nos
Hyperplasia, Lymphoid
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C02

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Amyloidosis
		Hematopoiesis
Lung	Bronchiole	Hyperplasia, Epithelial
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C03

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Fibrosis, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C04

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C05

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Nasal cavity		Inflammation, Suppurative
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Undifferentiated-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C06

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Sarcoma, Nos

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C07

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Lymphocytic-Malignant Type
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C08

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Nos-Malignant
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C09

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone
Harderian gland
Lymph node

Maxilla
Hardarian Gland

Nasal cavity
Pituitary gland
Uterus

Anterior Pituitary
Endometrium

Hyperostosis
Adenoma, Nos
Fibrosis
Hemosiderosis
Inflammation, Suppurative
Adenoma, Nos
Hyperplasia, Cystic
Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C10

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland

Anterior Pituitary
Anterior Pituitary

Angiectasis
Hyperplasia, Focal

Stomach

Forestomach

Hyperplasia, Epithelial

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C11

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Congenital Malformation, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C12

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Lymphoma, Mixed-Malignant Type
Nasal cavity	Inflammation, Suppurative
Ovary	Cyst, Nos
Urinary bladder	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C13

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Lymphocytic Inflammatory Infiltrate
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C14

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Lipoidosis
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C15

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C16

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C17

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small	Ileum	Lymphoma, Mixed-Malignant Type
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C18

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tibia	Fibrosis, Myelo
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C19

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C20

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Nasal cavity		Inflammation, Chronic Suppurative
Pituitary gland	Intermedia	Neuroblastoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C21

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone
Intestine Small
Kidney
Liver
Salivary gland
Spleen
Urinary bladder

Vertebra
Mesentery Nos

Sarcoma, Nos
Sarcoma, Nos, Metastatic
Lymphocytic Inflammatory Infiltrate
Myelopoiesis
Lymphocytic Inflammatory Infiltrate
Myelopoiesis
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C22

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Atrophy, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C23

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C24

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hemangiosarcoma
Lung		Inflammation, Interstitial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C25

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C26

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Cyst, Nos
Ovary		Mixed Tumor, Benign
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C27

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C28

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C29

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hemangiosarcoma
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C30

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocytes	Hypertrophy, Nos
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Thymus		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
		Neurofibrosarcoma
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C31

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C32

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C33

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C34

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Stomach
Unspecified
Uterus

Anterior Pituitary
Forestomach
Multiple Organs Nos
Endometrium

Hyperplasia, Focal
Hyperplasia, Epithelial
Lymphoma, Mixed-Malignant Type
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C35

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Hemosiderosis
Liver		Lymphoma, Mixed-Malignant Type
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Hematoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C36

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C37

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Nasal cavity
Ovary
Pituitary gland
Thyroid
Unspecified
Uterus

Harderian Gland

Anterior Pituitary

Multiple Organs Nos
Endometrium

Adenoma, Nos
Inflammation, Suppurative
Cyst, Nos
Adenoma, Nos
Inflammation, Chronic
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C38

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Thyroid		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C39

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Myelopoiesis
Kidney		Metaplasia, Osseous
Liver		Hematopoiesis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Abdominal Cavity	Steatitis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C40

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Pyelonephritis, Chronic
Liver		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Edema, Nos
Mammary gland	Mammary Acinus	Hyperplasia, Nos
Ovary		Cyst, Nos
		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Lymphocytic Inflammatory Infiltrate
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic
Uterus		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C41

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C42

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C43

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C44

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Cataract
Kidney		Inflammation, Acute/Chronic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C45

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C46

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Liver		Infarct, Nos
Lymph node	Mandibular Lymph Node	Edema, Nos
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C47

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung
Unspecified

Mesentery Nos

Back

Mediastinum Nos

Sarcoma, Nos, Metastatic

Sarcoma, Nos, Metastatic

Sarcoma, Nos

Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C48

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C49

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Fibrosis, Myelo
Intestine Small	Duodenum	Adenomatous Polyp, Nos
Liver		Cytoplasmic Change, Basophilic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55572
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Limonene
CAS Number: 5989-27-5

Date Report Requested: 10/26/2014
Time Report Requested: 11:22:53
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_C50

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Pituitary gland
Thyroid
Unspecified
Uterus

Harderian Gland
Anterior Pituitary
Multiple Organs Nos
Endometrium

Adenoma, Nos
Hyperplasia, Focal
Hyperplasia, Follicular Cell
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****