

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

C Number: C03689B
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Kidney

Spleen

Uterus

Endometrium

Hyperplasia, Hematopoietic
Mineralization
Pyelonephritis, Acute
Atrophy, Nos
Hemosiderosis
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Lung		Congestion, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute
Spleen		Inflammation, Acute
Unspecified	Nose	Granuloma, Foreign Body

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Mesenteric Artery Nos	Inflammation, Chronic
	Mesenteric Artery Nos	Thrombosis, Nos
Eye	Retina	Inflammation, Nos
Kidney	Tubule	Cyst, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
Pancreas		Inflammation, With Fibrosis
Spleen		Hematopoiesis
		Inflammation, Chronic
Unspecified	Abdominal Wall Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Lung		Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland		Cyst, Nos
Skeletal muscle		Granuloma, Foreign Body
Spleen		Hematopoiesis
Thymus		Atrophy, Nos
Thyroid		Cyst, Follicular Nos
		Hyperplasia, C Cell
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Kidney
Lymph node
Mammary gland
Spleen
Urinary bladder
Uterus

Mesenteric Lymph Node

Angiectasis
Hyperplasia, Hematopoietic
Mineralization
Hyperplasia, Lymphoid
Fibroadenoma
Inflammation, Acute
Inflammation, Acute
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Eye

Kidney

Liver

Mammary gland

Retina

Tubule

Bile Duct

Angiectasis

Inflammation, Nos

Cyst, Nos

Mineralization

Hyperplasia, Nos

Hyperplasia, Nos

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Calcification, Dystrophic
Kidney		Mineralization
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Nos
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Pituitary gland		Cyst, Nos
Spleen		Hemosiderosis
Trachea		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Eye
Liver
Lymph node
Thymus
Thyroid
Uterus

Retina
Bile Duct
Mandibular Lymph Node

Cortical Adenoma
Inflammation, Nos
Hyperplasia, Nos
Hyperplasia, Lymphoid
Atrophy, Nos
C-Cell Adenoma
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Eye
Kidney
Mammary gland

Retina

Pituitary gland

Angiectasis
Inflammation, Nos
Mineralization
Adenoma, Nos
Fibroadenoma
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Eye
Kidney
Liver
Ovary

Cortex Nos
Retina

Centrilobular

Cortical Adenoma
Lipoidosis
Inflammation, Nos
Inflammation, Chronic
Metamorphosis, Fatty
Tubular Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Eye	Retina	Inflammation, Nos
Kidney		Inflammation, Chronic
Trachea		Inflammation, Nos
Urinary bladder		Inflammation, Nos
Uterus		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Eye

Liver

Lung

Lymph node

Pituitary gland

Thymus

Thyroid

Cortex Nos

Retina

Mandibular Lymph Node

Mandibular Lymph Node

Cortical Adenoma

Lipoidosis

Inflammation, Nos

Hyperplasia, Nos

Pneumonia, Chronic Murine

Cyst, Hemorrhagic

Hyperplasia, Lymphoid

Chromophobe Adenoma

Atrophy, Nos

Cyst, Nos

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Lipoidosis
Eye	Cornea	Inflammation, Acute
	Lacrimal Gland	Inflammation, Acute Suppurative
	Retina	Inflammation, Nos
Harderian gland	Hardarian Gland	Abscess, Nos
	Hardarian Gland	Adenocarcinoma, Nos
Liver	Bile Duct	Dilatation, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroma
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Mammary gland		Fibroadenoma
Ovary		Cystic Follicles
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Adenoma, Nos
		Fibroadenoma
Spleen		Inflammation, Acute
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
Eye		Cataract
		Inflammation, Acute
	Retina	Inflammation, Nos
Kidney		Inflammation, Chronic
		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Plasma-Cell Infiltrate
Mammary gland		Fibroadenoma
Thyroid		C-Cell Adenoma
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Mammary gland
Spleen

Mineralization
Necrosis, Nos
Adenocarcinoma, Nos
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye
Kidney
Mammary gland

Retina

Inflammation, Nos
Mineralization
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Eye

Retina

Lipoidosis

Kidney

Tubule

Inflammation, Nos

Liver

Bile Duct

Cyst, Nos

Ovary

Hyperplasia, Nos

Thyroid

Cyst, Follicular Nos

Cystic Follicles

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Eye
Kidney
Liver
Mammary gland

Retina
Medulla
Bile Duct

Cortical Adenoma
Inflammation, Nos
Mineralization
Hyperplasia, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Lipoidosis
Eye		Inflammation, Acute
	Retina	Inflammation, Nos
Kidney	Tubule	Cyst, Nos
		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Plasma-Cell Infiltrate
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Cyst, Nos
		Papillary Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Spleen
Stomach
Trachea
Unspecified

Bile Duct

Angiectasis
Hyperplasia, Nos
Hematopoiesis
Calcification, Dystrophic
Inflammation, Nos
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Liver		Lipoidosis
Lung		Pneumonia, Chronic Murine
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Lipoidosis
Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas	Duct Nos	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Eye

Retina

Hyperplasia, Nos

Kidney

Inflammation, Nos

Liver

Mineralization

Lung

Lipoidosis

Thymus

Pneumonia, Chronic Murine

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis
Cortical Adenoma

Eye
Kidney
Liver

Cortex Nos
Retina

Lipoidosis
Inflammation, Nos
Mineralization

Pancreas
Thymus

Bile Duct

Duct Nos

Hyperplasia, Nos
Hyperplasia, Nos
Hyperplasia, Nos
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Lymph node
Trachea

Mandibular Lymph Node

Angiectasis
Inflammation, Chronic
Congestion, Nos
Inflammation, Acute Suppurative
Inflammation, Acute
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Fibrosarcoma, Metastatic
		Pyelonephritis, Nos
Liver		Hematopoiesis
		Necrosis, Focal
Mammary gland		Fibroadenoma
Spleen		Inflammation, Acute
Unspecified	Abdominal Wall Nos	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Kidney

Lipoidosis

Lymph node

Mineralization

Mammary gland

Mandibular Lymph Node

Plasma-Cell Infiltrate

Spleen

Fibroadenoma

Thyroid

Follicle

Hematopoiesis

Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Kidney		Mineralization
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Mammary gland		Fibroadenoma
Pancreas	Duct Nos	Hyperplasia, Nos
Thyroid	Follicle	Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Angiectasis

Eye

Retina

Lipoidosis

Kidney

Inflammation, Nos

Inflammation, Chronic

Pancreas

Islets

Mineralization

Pituitary gland

Islet-Cell Adenoma

Thymus

Cyst, Nos

Atrophy, Nos

Thyroid

Cyst, Nos

C-Cell Adenoma

Uterus

Endometrium

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pheochromocytoma
Kidney		Inflammation, Chronic
	Medulla	Mineralization
Liver		Hepatocellular Adenoma
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Hemosiderosis
Stomach		Edema, Nos
Thyroid	Follicle	Cystadenoma, Nos
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hyperplasia, Nos
Lung		Bronchopneumonia Chronic Suppurative
Nasal cavity	Turbinate Nos	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Mammary gland

Angiectasis

Hepatocellular Adenoma

Hyperplasia, Nos

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Nasal cavity
Ovary

Turbinate Nos

Hemorrhage
Mineralization
Pneumonia, Chronic Murine
Squamous Cell Carcinoma
Hemangioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Dilatation, Nos Mineralization
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinates Nos Turbinates Nos	Inflammation, Acute Suppurative Squamous Cell Carcinoma
Spleen		Hematopoiesis
Uterus		Papillary Cystadenocarcinoma Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hemangiosarcoma Hepatocellular Adenoma Hyperplasia, Nos Necrosis, Nos
Mammary gland	Fibroadenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Spleen

Pneumonia, Chronic Murine
Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Brain

Kidney
Liver

Lung
Mammary gland

Nasal cavity
Spleen
Uterus

Turbinate Nos
Endometrium

Angiectasis
Hemorrhage
Necrosis, Nos
Mineralization
Angiectasis
Hepatocellular Adenoma
Hyperplasia, Nos
Pneumonia, Chronic Murine
Fibroadenoma
Inflammation, Acute Suppurative
Hemosiderosis
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Kidney		Mineralization
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Unspecified		Fibroma
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Trachea		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Tubule

Liver
Nasal cavity

Turbinate Nos
Turbinate Nos

Spleen

Angiectasis
Degeneration, Nos
Mineralization
Hyperplasia, Nos
Inflammation, Acute Suppurative
Squamous Cell Carcinoma
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Hepatocellular Adenoma
		Hyperplasia, Nos
		Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinat Nos	Inflammation, Acute
	Turbinat Nos	Squamous Cell Carcinoma
Spleen		Hemorrhage
Stomach		Ulcer, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos Mineralization
Liver		Necrosis, Diffuse
Lung		Pneumonia, Chronic Murine
Spleen		Hemosiderosis
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Hyperplasia, Nos
		Hypertrophy, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
	Turbinates Nos	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Bile Duct

Bile Duct

Lung
Mammary gland
Spleen

Angiectasis
Mineralization
Bile Duct Adenoma
Hepatocellular Adenoma
Hyperplasia, Nos
Hyperplasia, Nos
Pneumonia, Chronic Murine
Fibroadenoma
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Eye	Retina	Inflammation, Nos
Kidney		Hamartoma
	Capsule	Hematoma, Organized
Liver		Hepatocellular Adenoma
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
	Duct Nos	Hyperplasia, Nos
Urinary bladder		Edema, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Lipoidosis
Eye	Retina	Inflammation, Nos
Kidney	Tubule	Degeneration, Nos
		Fibroadenoma
		Mineralization
Liver		Hepatocellular Adenoma
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
		Hypertrophy, Nos
Mammary gland		Fibroadenoma
Skin		Fibroma
Spleen		Hematopoiesis
Thymus		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Nasal cavity

Ovary

Turbinate Nos
Turbinate Nos

Angiectasis
Mineralization
Pneumonia, Chronic Murine
Inflammation, Acute Suppurative
Squamous Cell Carcinoma
Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Chronic
Kidney	Tubule	Degeneration, Nos Mineralization
Liver		Hepatocellular Adenoma Hyperplasia, Nos
Nasal cavity	Turbinates Nos	Inflammation, Acute
Spleen		Hemosiderosis
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Fibrosis
Kidney	Tubule	Degeneration, Nos
Liver		Hepatocellular Adenoma
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Frontal Lobe Nos	Adenocarcinoma, Nos, Metastatic
Kidney	Cortex	Adenoma, Nos Mineralization
Liver		Hepatocellular Adenoma Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinates Nos	Adenocarcinoma, Nos
	Turbinates Nos	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
	Turbinates Nos	Squamous Cell Carcinoma
Ovary		Hemangioma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Kidney	Tubule	Degeneration, Nos
Liver		Hepatocellular Carcinoma
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH -

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Trachea		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Adenoma, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
	Turbinate Nos	Squamous Cell Carcinoma
Unspecified		Fibroma
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 10000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Mineralization
Lung		Pneumonia, Chronic Murine
		Squamous Cell Carcinoma, Metastatic
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Trachea		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Degeneration, Nos
Liver		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinates Nos	Inflammation, Chronic
Spleen		Hematopoiesis
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Mineralization
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Spleen		Hematopoiesis
Trachea		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 10000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Tubule	Dilatation, Nos
Liver		Necrosis, Nos
Lung		Pneumonia, Chronic Murine
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
Spleen		Hemosiderosis
Unspecified		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Mammary gland
Nasal cavity

Turbinate Nos
Turbinate Nos

Mineralization
Fibroadenoma
Inflammation, Acute
Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Mineralization
Lung		Inflammation, Chronic Suppurative
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
	Turbinate Nos	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Nasal cavity

Medulla
Bronchiole
Turbinate Nos
Turbinate Nos

Skin
Uterus

Angiectasis
Mineralization
Inflammation, Chronic
Inflammation, Acute
Squamous Cell Carcinoma
Fibroma
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Medulla	Mineralization
Lung		Bronchopneumonia Chronic Suppurative
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
Spleen		Inflammation, Acute
Trachea		Inflammation, Acute Suppurative
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Bronchopneumonia Acute Suppurative
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
Trachea		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Angiectasis
		Hepatocellular Adenoma
Mammary gland		Fibroadenoma
Ovary		Cyst, Follicular Nos
Spleen		Hematopoiesis
Thyroid	Follicle	Cystadenoma, Nos
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Lymph node
Mammary gland
Nasal cavity

Spleen
Uterus
Vagina

Mandibular Lymph Node

Turbinates Nos
Turbinates Nos

Endometrium

Angiectasis
Hepatocellular Adenoma
Metamorphosis, Fatty
Hyperplasia, Lymphoid
Fibroadenoma
Inflammation, Acute Suppurative
Squamous Cell Carcinoma
Hematopoiesis
Cyst, Nos
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Nasal cavity
Spleen
Stomach

Medulla
Turbinate Nos
Mucosa

Angiectasis
Mineralization
Inflammation, Acute Suppurative
Hemosiderosis
Erosion

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hyperplasia, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
	Turbinate Nos	Squamous Cell Carcinoma
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
	Cortex Nos	Lipoidosis
Liver		Hepatocellular Adenoma
		Hypertrophy, Nos
		Metamorphosis, Fatty
Mammary gland		Adenoma, Nos
		Fibroadenoma
Nasal cavity	Turbinate Nos	Inflammation, Acute
Ovary		Thecoma
Spleen		Hemosiderosis
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Angiectasis
Cortical Adenoma
Lipoidosis

Cortex Nos

Liver
Mammary gland
Nasal cavity

Hyperplasia, Nos
Fibroadenoma
Inflammation, Acute

Turbinate Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Lung
Mammary gland

Hyperplasia, Nos
Bronchopneumonia Acute Suppurative
Adenoma, Nos
Fibroadenoma

Nasal cavity

Turbinate Nos
Turbinate Nos

Inflammation, Acute Suppurative
Squamous Cell Carcinoma
Inflammation, Acute Suppurative

Trachea

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Lipoidosis
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Mineralization
		Nephrosis, Nos
Liver		Lipoidosis
		Metamorphosis, Fatty
Lung		Bronchopneumonia Chronic Suppurative
Mammary gland		Fibroadenoma
Nasal cavity	Turbinates Nos	Inflammation, Acute Suppurative
	Turbinates Nos	Squamous Cell Carcinoma
Spleen		Hemosiderosis
Uterus	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Necrosis, Focal
Lung		Bronchopneumonia Acute Suppurative
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Lymphoma, Nos-Malignant
Nasal cavity	Turbinate Nos	Inflammation, Acute
Trachea		Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Nasal cavity
Spleen

Turbinate Nos

Angiectasis
Mineralization
Inflammation, Acute Suppurative
Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Adenoma, Nos
Skin		Cyst, Epidermal Inclusion
Thymus		Atrophy, Nos
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Mammary gland
Spleen

Medulla

Mineralization
Necrosis, Nos
Fibroadenoma
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Eye

Liver

Lung

Mammary gland

Pituitary gland

Retina

Bile Duct

Angiectasis

Inflammation, Nos

Hyperplasia, Nos

Hyperplasia, Nos

Pneumonia, Chronic Murine

Fibroadenoma

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Mammary gland

Mineralization
Pneumonia, Chronic Murine
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Angiectasis
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Degeneration, Cytologic
Liver		Hypertrophy, Nos
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Spleen		Hemangioma
Trachea		Inflammation, Acute
Unspecified		Fibroma
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Hepatocellular Adenoma
		Hyperplasia, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Uterus		Fibroma
	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Nasal cavity

Turbinate Nos

Adenocarcinoma, Nos

Spleen

Turbinate Nos

Inflammation, Acute Suppurative

Atrophy, Nos

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Retina	Inflammation, Nos
Kidney		Hamartoma
Liver		Hepatocellular Adenoma
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Mammary gland
Nasal cavity
Spleen

Turbinate Nos

Mineralization
Fibroadenoma
Inflammation, Acute Suppurative
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Nasal cavity

Turbinate Nos
Turbinate Nos

Mineralization
Inflammation, Acute Suppurative
Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
Lung		Bronchopneumonia Acute Suppurative
Nasal cavity	Turbinate Nos	Inflammation, Acute
Trachea		Inflammation, Acute Suppurative
Uterus	Endometrium	Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel
Liver

Mammary gland
Spleen
Thymus

Mesenteric Artery Nos

Hemangioma
Hepatocellular Adenoma
Hyperplasia, Nos
Necrosis, Nos
Fibroadenoma
Hemangioma
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Necrosis, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
	Turbinate Nos	Squamous Cell Carcinoma
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Hepatocellular Adenoma
		Hyperplasia, Nos
Mammary gland		Cystadenoma, Nos
Nasal cavity	Turbinate Nos	Inflammation, Acute
	Turbinate Nos	Squamous Cell Carcinoma
Ovary		Cyst, Follicular Nos
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland

Pneumonia, Chronic Murine
Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Bile Duct

Lung
Mammary gland
Spleen
Trachea
Uterus

Endometrium
Fallopian Tube

Angiectasis
Hepatocellular Adenoma
Hyperplasia, Nos
Pneumonia, Chronic Murine
Fibroadenoma
Hematopoiesis
Inflammation, Acute Suppurative
Inflammation, Acute
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Spleen

Mineralization
Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 5000 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma Hyperplasia, Nos
Nasal cavity	Turbinate Nos	Inflammation, Hemorrhagic
Spleen		Hematopoiesis
Thymus		Atrophy, Nos
Uterus	Endometrium	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C03689B
Test Type: Long-Term
Route: Dosed-Water
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1,4-Dioxane
CAS Number: 123-91-1

Date Report Requested: 10/26/2014
Time Report Requested: 16:07:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 5000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma Hyperplasia, Nos Metamorphosis, Fatty
Mammary gland		Fibroadenoma
Nasal cavity	Turbinate Nos	Inflammation, Acute Suppurative
Stomach		Ulcer, Acute
Unspecified		Fibroma
Uterus	Endometrium	Inflammation, Acute Vesicular

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****