

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

C Number: C02766

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Lymph node

Submandibular Lymph Node

Inflammation, Suppurative

Pituitary gland

Chromophobe Adenoma

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Ovary		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Unspecified

Urinary bladder

Multiple Organs Nos

Inflammation, Chronic

Chromophobe Adenoma

Leukemia, Nos

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pancreas

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Hyperplasia, Intraductal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebrum	Astrocytoma
Lymph node		Hyperplasia, Reticulum Cell
Spleen		Inflammation, Chronic
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Hemosiderosis

Pituitary gland

Neoplastic Nodule

Unspecified

Multiple Organs Nos

Chromophobe Adenoma

Leukemia, Erythrocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Ovary		Cyst, Nos
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Carcinoma

Spleen

Hemosiderosis

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Thyroid

Inflammation, Chronic

Pneumonia, Chronic Murine

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Lung

Pneumonia, Chronic Murine

Pituitary gland

Cyst, Nos

Urinary bladder

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Pancreas

Fibrosis, Diffuse

Unspecified

Multiple Organs Nos

Leukemia, Nos

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Pheochromocytoma

Inflammation, Chronic

Neoplastic Nodule

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Fibrosarcoma
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pituitary gland

Cyst, Nos

Urinary bladder

Transitional-Cell Carcinoma

Uterus

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Epicardium	Fibrosis Inflammation, Nos Inflammation, Focal
Pancreas		Inflammation, Nos
Peritoneum		Transitional-Cell Carcinoma
Urinary bladder		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrilotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Pituitary gland

Pheochromocytoma

Inflammation, Chronic

Tubular-Cell Adenoma

Neoplastic Nodule

Alveolar/Bronchiolar Carcinoma

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Thyroid

Pheochromocytoma

Neoplastic Nodule

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Liver		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Urinary bladder		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Neoplastic Nodule
Lung		Alveolar/Bronchiolar Carcinoma
Pituitary gland		Basophil Adenoma
Thyroid		Hyperplasia, C Cell
Urinary bladder		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nodular

Liver

Neoplastic Nodule

Pituitary gland

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Ovary

Thyroid

Urinary bladder

Pheochromocytoma

Neoplastic Nodule

Pneumonia, Chronic Murine

Cyst, Nos

Hyperplasia, C Cell

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Thyroid

Urinary bladder

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Neoplastic Nodule

Alveolar/Bronchiolar Carcinoma

Hyperplasia, C Cell

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Nos

Urinary bladder

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Urinary bladder

Transitional-Cell Papilloma

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Pheochromocytoma

Neoplastic Nodule

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lymph node		Hyperplasia, Reticulum Cell
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Inflammation, Chronic Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Hydro

Lung

Pneumonia, Chronic Murine

Spleen

Hyperplasia, Erythroid

Urinary bladder

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Hyperplasia, Cystic Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Urinary bladder

Myocardium Nos

Mesenteric Lymph Node

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Neoplastic Nodule

Pneumonia, Chronic Murine

Hyperplasia, Reticulum Cell

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Pyelonephritis, Nos

Urinary bladder

Hyperplasia, Epithelial

Uterus

Endometrium

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Ovary

Urinary bladder

Uterus

Endometrium

Pheochromocytoma

Inflammation, Chronic

Cyst, Nos

Squamous Cell Carcinoma

Inflammation, Acute Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Unspecified

Multiple Organs Nos

Leukemia, Erythrocytic

Urinary bladder

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Acute/Chronic
Pituitary gland		Hemosiderosis
Spleen		Erythrophagocytosis
		Necrosis, Diffuse
Trachea		Inflammation, Chronic Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Lung
Pancreas

Neoplastic Nodule
Pneumonia, Chronic Murine
Hyperplasia, Intraductal
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Lymph node

Pituitary gland

Urinary bladder

Mesenteric Lymph Node

Inflammation, Chronic

Pneumonia, Chronic Murine

Hyperplasia, Reticulum Cell

Chromophobe Adenoma

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Uterus

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Neoplastic Nodule

Pneumonia, Chronic Murine

Acinar-Cell Adenoma

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Urinary bladder

Pheochromocytoma

Inflammation, Chronic

Alveolar/Bronchiolar Carcinoma

Pneumonia, Chronic Murine

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrilotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Glioma, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Alveolar/Bronchiolar Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Lymphocytic Inflammatory Infiltrate

Pneumonia, Chronic Murine

Cyst, Nos

Cystadenoma, Nos

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Pituitary gland

Thyroid

Uterus

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Pneumonia, Chronic Murine

Chromophobe Adenoma

Cystic Follicles

Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Tubule

Regeneration, Nos

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Lung

Mammary gland

Pituitary gland

Urinary bladder

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Pneumonia, Chronic Murine

Fibroadenoma

Cyst, Nos

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Thyroid

Inflammation, Chronic

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Ovary		Cyst, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_151

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Lung

Pneumonia, Chronic Murine

Uterus

Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_152

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pituitary gland

Basophil Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_154

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_155

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Mammary gland		Fibroadenoma
Ovary		Cyst, Nos
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_156

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Urinary bladder

Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_157

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Submandibular Lymph Node

Hyperplasia, Reticulum Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_158

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Acute/Chronic
Lung		Lymphoma, Histiocytic-Malignant Type
Pituitary gland		Chromophobe Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrilotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_159

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Glioma, Nos
Kidney	Inflammation, Acute/Chronic
Uterus	Inflammation, Suppurative
	Multiple Polyposis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_160

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_161

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Liver

Lung

Uterus

Myocardium Nos

Endometrium

Adenocarcinoma, Nos

Fibrosis

Cytoplasmic Change, Basophilic

Pneumonia, Chronic Murine

Hyperplasia, Cystic

Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Unspecified

Uterus

Multiple Organs Nos

Fallopian Tube

Adenocarcinoma, Nos

Lymphoma, Nos-Malignant

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_163

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Liver

Neoplastic Nodule

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_164

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_165

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Ovary

Cyst, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_166

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Lung

Pneumonia, Chronic Murine

Thyroid

C-Cell Adenoma

Uterus

Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_168

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_169

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic

Ovary

Cyst, Nos

Pancreas

Fibrosis, Diffuse

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrilotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_170

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Periarteritis
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Lung		Pneumonia, Chronic Murine
Uterus		Hematoma, Nos
	Endometrium	Hyperplasia, Nos
	Endometrium	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_171

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Hemorrhagic

Liver

Neoplastic Nodule

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_173

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Liver

Neoplastic Nodule

Unspecified

Adipose Tissue

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_174

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_175

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Uterus

Pyometra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_176

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_177

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrium

Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_178

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_179

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Pituitary gland

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_180

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Pituitary gland

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Ileum

Inflammation, Nos

Kidney

Inflammation, Chronic

Lymph node

Hyperplasia, Reticulum Cell

Pituitary gland

Cyst, Nos

Urinary bladder

Transitional-Cell Carcinoma

Uterus

Endometrium

Hyperplasia, Nos

Endometrium

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrilotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Mammary gland

Pituitary gland

Uterus

Mammary Duct

Endometrium

Inflammation, Chronic

Pneumonia, Chronic Murine

Cystadenocarcinoma, Nos

Chromophobe Adenoma

Endometrial Stromal Polyp

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_184

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Lymph node

Hyperplasia, Reticulum Cell

Uterus

Endometrium

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_185

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Multiple Polyposis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_186

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Uterus

Abscess, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_187

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Mammary gland

Mammary Duct

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_188

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Mammary gland

Pituitary gland

Mammary Duct

Cyst, Nos

Inflammation, Chronic

Fibroadenoma

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_189

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Cyst, Hemorrhagic

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_190

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Submandibular Lymph Node	Hyperplasia, Reticulum Cell
Ovary		Cyst, Nos
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
		Pneumonia, Chronic Murine
Lymph node	Pancreatic Lymph Node	Lymphoma, Histiocytic-Malignant Type
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_193

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Urinary bladder

Cyst, Nos

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_194

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Lung

Mammary gland

Fibrosis, Focal

Pneumonia, Chronic Murine

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_195

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_196

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Metamorphosis, Fatty
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Submandibular Lymph Node	Squamous Cell Carcinoma, Metastatic
Unspecified	Head	Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_198

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Endometrium

Hyperplasia, Cystic

Endometrium

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_199

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Liver

Metamorphosis, Fatty

Mammary gland

Adenocarcinoma, Nos

Spleen

Hyperplasia, Reticulum Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_200

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_221

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Mammary gland		Cystadenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_222

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Liver

Neoplastic Nodule

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_223

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Inflammation, Suppurative

Skin

Basal-Cell Carcinoma

Spleen

Inflammation, Chronic Necrotizing

Trachea

Inflammation, Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_224

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Pituitary gland

Thyroid

Cytoplasmic Change, Basophilic

Pneumonia, Chronic Murine

Chromophobe Adenoma

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_225

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Mammary gland

Cystadenoma, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_226

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Lung

Pneumonia, Chronic Murine

Ovary

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_227

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Lung

Nephropathy

Neoplastic Nodule

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_228

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Clitoral gland

Pituitary gland

Adenocarcinoma, Nos

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_229

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Lung		Pneumonia, Chronic Murine
Pancreas		Fibrosis, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_231

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain	Hydrocephalus, Internal
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Pancreas	Fibrosis, Diffuse
Pituitary gland	Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_232

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Pituitary gland

Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_233

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Necrosis, Focal
Lung	Pneumonia, Chronic Murine
Pituitary gland	Cyst, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_234

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Pituitary gland	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_235

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Pituitary gland

Hyperplasia, Chromophobe Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrilotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_236

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Ear

Kidney

Lymph node

Mammary gland

Pituitary gland

Thyroid

Unspecified

Canal

Mesenteric Lymph Node

Multiple Organs Nos

Pheochromocytoma

Squamous Cell Carcinoma

Nephropathy

Hyperplasia, Reticulum Cell

Cystadenoma, Nos

Chromophobe Adenoma

C-Cell Adenoma

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_237

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Basophilic
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Thyroid	C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_238

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Lung

Ileum

Hyperplasia, Lymphoid
Carcinosarcoma, Metastatic
Infarct, Nos

Skin
Unspecified

Groin

Carcinosarcoma

Leg

Carcinosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_239

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ovary

Inflammation, Chronic

Uterus

Endometrium

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_240

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_070

TRT#: 4

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_078

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_080

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_088

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_154

TRT#: 5
DOSE: 0

SEX: Female
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Thyroid

Intestinal Tract

Hyperplasia, Lymphoid
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_158

TRT#: 5

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung

Atelectasis

Thyroid

Hemorrhage

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_172

TRT#: 5

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_176

TRT#: 5

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Inflammation, Acute Focal
Thyroid	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_178

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_184

TRT#: 5

DOSE: 0

SEX: Female

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Bronchopneumonia, Acute
Thyroid	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_186

TRT#: 5
DOSE: 0

SEX: Female
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Thyroid

Calcinosis, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02766

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid (NTA)

CAS Number: 139-13-9

Date Report Requested: 10/26/2014

Time Report Requested: 13:52:00

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_200

TRT#: 5

SEX: Female

DAY ON TEST:

DOSE: 0

DISP:

HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE