

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

C Number: C01445B

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Inflammation, Chronic

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung	Alveoli	Calcification, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Brain	Meninges	Hemorrhage
Kidney		Hemorrhage
Lung		Hemorrhage
		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Pancreas		Fibrosis, Diffuse
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Prostate

Testis

Unspecified

Multiple Organs Nos

Nephrosis, Cholemic

Metaplasia, Squamous

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Testis

Pheochromocytoma

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Brain

Meninges

Hemorrhage

Kidney

Hemorrhage

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Kidney

Liver

Unspecified

Multiple Organs Nos

Sarcoma, Nos

Pigmentation, Nos

Metamorphosis, Fatty

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Testis		Interstitial-Cell Tumor
Thyroid		Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Inflammation, Chronic

Transitional-Cell Papilloma

Liver

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Brain

Meninges

Hemorrhage

Kidney

Hemorrhage

Lung

Hemorrhage

Trachea

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Spleen		Depletion, Lymphoid
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Kidney

Lung

Hemorrhage

Abscess, Nos

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrilotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Brain

Meninges

Hemorrhage

Kidney

Hemorrhage

Lung

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrilotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Pancreas

Testis

Thyroid

Unspecified

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Fibrosis, Diffuse

Interstitial-Cell Tumor

Hyperplasia, Follicular Cell

Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Thyroid

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Unspecified	Neck	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Accidentally Killed

HISTO:

OBSERVATIONS

Brain	Meninges	Hemorrhage
Lung		Hemorrhage
		Pneumonia, Chronic Murine
Trachea		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Pneumonia, Chronic Murine
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Tubular-Cell Adenocarcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Pneumonia, Chronic Murine
Lymph node	Mesenteric Lymph Node	Cyst, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Oligodendroglioma
Kidney	Inflammation, Chronic
Pituitary gland	Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Hyperplasia, Tubular Cell
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Testis

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Nephrosis, Cholemic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Necrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Nos
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Alveolar/Bronchiolar Carcinoma

Salivary gland

Pneumonia, Chronic Murine

Testis

Mixed Tumor, Malignant

Thyroid

Interstitial-Cell Tumor

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart
Kidney
Lung
Pancreas

Myocardium Nos

Degeneration, Nos
Inflammation, Chronic
Pneumonia, Chronic Murine
Fibrosis
Periarteritis
Interstitial-Cell Tumor
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014
Time Report Requested: 15:51:57
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Inflammation, Chronic Necrosis, Nos Neoplastic Nodule
Liver		Fibrosis
Pancreas		Hyperplasia, Epithelial
Stomach		Interstitial-Cell Tumor
Testis		Leukemia, Erythrocytic
Unspecified	Multiple Organs Nos	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 15000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid trisodium monohydrate

CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Inflammation, Chronic

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrilotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia, Lymphoid

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Cytoplasmic Vacuolization

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045	TRT#: 1 DOSE: 15000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney Lung Testis		Inflammation, Chronic Pneumonia, Chronic Murine Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 15000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
<hr/> PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrilotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Focal
Kidney	Pelvis	Hyperplasia, Epithelial
		Inflammation, Chronic
Liver		Cytoplasmic Vacuolization
Preputial gland		Hyperplasia, Nos
Spleen		Sarcoma, Nos
Testis		Interstitial-Cell Tumor
Ureter		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrilotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Testis

Pheochromocytoma

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid trisodium monohydrate

CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049	TRT#: 1 DOSE: 15000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
Intestine Small	Ileum	Adenocarcinoma, Nos	
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotri-acetic acid trisodium monohydrate

CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 15000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_102

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014
Time Report Requested: 15:51:57
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_103	TRT#: 2 DOSE: 7500 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS		Inflammation, Chronic Cytoplasmic Change, Basophilic Cyst, Nos Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid trisodium monohydrate

CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_104

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Thyroid

Inflammation, Chronic

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriatic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_105

TRT#: 2
DOSE: 7500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Hamartoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_106

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014
Time Report Requested: 15:51:57
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_107

TRT#: 2
DOSE: 7500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_108

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Pancreas

Islets

Sarcoma, Nos, Metastatic

Sarcoma, Nos, Metastatic

Islet-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid trisodium monohydrate

CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_109

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Skin

Testis

Squamous Cell Carcinoma, Metastatic

Squamous Cell Carcinoma

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_110

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_111

TRT#: 2
DOSE: 7500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas		Fibrosis, Diffuse
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Lymph node

Hyperplasia, Reticulum Cell

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_113

TRT#: 2
DOSE: 7500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Testis		Metamorphosis, Fatty Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_114

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Pancreas	Acinus	Hyperplasia, Nodular
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_115

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Adenocarcinoma, Nos

Lymph node

Mesenteric Lymph Node

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_116

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_117

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_118

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Testis

Thyroid

Inflammation, Chronic

Chromophobe Adenoma

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_119

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Alveolar/Bronchiolar Carcinoma

Preputial gland

Abscess, Nos

Testis

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_120

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Inflammation, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_121

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Lung

Alveolar/Bronchiolar Carcinoma

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_122

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Cytoplasmic Change, Basophilic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_123

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Hyperplasia, Reticulum Cell

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_124

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
		Pigmentation, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_125

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Carcinoma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_126

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_127

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Submandibular Lymph Node

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_128

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_129

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrotriacetic acid trisodium monohydrate

CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_130

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Testis

Thyroid

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014
Time Report Requested: 15:51:57
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_132

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Kidney
Lymph node
Spleen
Testis
Thyroid

Ileum

Hyperplasia, Lymphoid
Inflammation, Chronic
Hyperplasia, Lymphoid
Hyperplasia, Lymphoid
Interstitial-Cell Tumor
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014
Time Report Requested: 15:51:57
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_133

TRT#: 2
DOSE: 7500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_134

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pancreas

Testis

Pheochromocytoma

Inflammation, Chronic

Fibrosis

Hyperplasia, Intraductal

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate

CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_135

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Heart	Myocardium Nos	Fibrosis
Kidney		Tubular-Cell Adenocarcinoma
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_136

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Parathyroid gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_137

TRT#: 2
DOSE: 7500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lymph node
Preputial gland
Testis

Cortex Nos

Hyperplasia, Nodular
Inflammation, Chronic
Hyperplasia, Reticulum Cell
Adenocarcinoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_138

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Testis

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_139

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Lung
Testis
Thyroid
Unspecified

Cortex Nos
Myocardium Nos

Groin

Hyperplasia, Nodular
Degeneration, Nos
Inflammation, Chronic
Alveolar/Bronchiolar Carcinoma
Interstitial-Cell Tumor
Hyperplasia, C Cell
Cyst, Epidermal Inclusion

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_140

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Periarteritis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_142

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Epididymis

Kidney

Lung

Testis

Thyroid

Necrosis, Fat

Inflammation, Chronic

Alveolar/Bronchiolar Carcinoma

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014
Time Report Requested: 15:51:57
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_143

TRT#: 2
DOSE: 7500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Testis
Unspecified

Pheochromocytoma
Inflammation, Chronic
Alveolar/Bronchiolar Adenoma
Interstitial-Cell Tumor
Fibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_144

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_145

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis
Kidney
Lymph node
Testis

Hemangioma
Inflammation, Chronic
Inflammation, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrilotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_146

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Peritoneum

Testis

Inflammation, Chronic

Alveolar/Bronchiolar Carcinoma

Mesothelioma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_147

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Lung
Seminal vesicle
Ureter

Inflammation, Chronic
Alveolar/Bronchiolar Adenoma
Inflammation, Suppurative
Papilloma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_148

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Pancreas		Lymphoma, Histiocytic-Malignant Type
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_149

TRT#: 2

DOSE: 7500 PPM

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart
Kidney
Pituitary gland
Thyroid

Myocardium Nos

Degeneration, Nos
Inflammation, Chronic
Hyperplasia, Basophilic
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_150

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 7500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_201

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_202

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain	Hydrocephalus, Internal
Lymph node	Hyperplasia, Lymphoid
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_203

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver	Neoplastic Nodule
Lymph node	Hyperplasia, Lymphoid
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_204

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Lymph node
Testis

Medulla
Ileum
Submandibular Lymph Node

Cyst, Nos
Hyperplasia, Lymphoid
Hyperplasia, Cystic
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_205

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_206

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Spleen

Hyperplasia, Lymphoid

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_207

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_208

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Stomach	Papilloma, Nos
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_209

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Testis

Ileum

Hyperplasia, Lymphoid
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_210

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_211

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Testis

Unspecified

Multiple Organs Nos

Inflammation, Chronic

Chromophobe Adenoma

Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_212

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Ileum	Hyperplasia, Lymphoid
Kidney		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_213

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_214

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Kidney
Liver
Testis

Colon

Nematodiasis
Inflammation, Chronic
Cytoplasmic Change, Basophilic
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_215

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Lung

Testis

Pheochromocytoma

Inflammation, Chronic

Pneumonia, Chronic Murine

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_216

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Pheochromocytoma

Degeneration, Nos

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_217

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Lung	Alveolar/Bronchiolar Carcinoma
Pituitary gland	Chromophobe Adenoma
Testis	Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_218

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_219

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Preputial gland

Testis

Pheochromocytoma

Adenocarcinoma, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_220

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Spleen		Lymphoma, Histiocytic-Malignant Type
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_008

TRT#: 4
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Inflammation, Suppurative
Lymph node		Hemosiderosis
Spleen		Hemosiderosis
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_016

TRT#: 4
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Metamorphosis, Fatty
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_039

TRT#: 4
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Thyroid

Bronchiole

Inflammation, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_040

TRT#: 4

DOSE: 0

SEX: Male

DISP:

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Thyroid

Calcinosis, Nos

Adenocarcinoma, Nos, Metastatic

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_108

TRT#: 5
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Metamorphosis, Fatty
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitritotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_115

TRT#: 5
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_116

TRT#: 5
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Thyroid

Calcinosis, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_139

TRT#: 5
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Prostate

Thyroid

Abscess, Nos

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_144

TRT#: 5
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Thyroid

Calcinosis, Nos
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01445B

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Nitrotriacetic acid trisodium monohydrate
CAS Number: 18662-53-8

Date Report Requested: 10/26/2014

Time Report Requested: 15:51:57

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 5_148

TRT#: 5
DOSE: 0

SEX: Male
DISP:

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE