

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

C Number: C00420A

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ovary

Spleen

Uterus

Cyst, Nos

Hypoplasia, Lymphoid

Cyst, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Skin

Inflammation, Chronic

Chromophobe Adenoma

Basal-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Kidney

Lung

Large Intestine, Colon

Nematodiasis

Calcinosis, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Ovary	Cyst, Follicular Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pancreas

Acinus

Atrophy, Nos

Uterus

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Inflammation, Acute Necrotizing
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Uncertain Primary Or Meta

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Pancreas

Pituitary gland

Thyroid

Uterus

Acinus

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Nos

Chromophobe Adenoma

C-Cell Adenoma

Cyst, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Inflammation, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas	Acinus	Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Thyroid

C-Cell Adenoma

Trachea

Inflammation, Acute/Chronic

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Ovary

Cyst, Follicular Nos

Trachea

Inflammation, Nos

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:03

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung	Pneumonia, Chronic Murine
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Pancreas	Atrophy, Nos
Skin	Basal-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Uterus

Cervix Uteri

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_070

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Ovary

Thyroid

Inflammation, Chronic

Cyst, Nos

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Ovary

Cyst, Nos

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pheochromocytoma

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
	Myocardium Nos	Mineralization
Kidney		Nephrosis, Hydro
Lung		Pneumonia, Chronic Murine
Uterus		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Ovary

Cyst, Nos

Pancreas

Acinus

Atrophy, Nos

Uterus

Cyst, Nos

Inflammation, Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Thyroid

Hyperplasia, Follicular Cell

Uterus

Cervix Uteri

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Papillary Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Pancreas	Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

DOSE: 6000 PPM

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Thyroid	Cystic Follicles
Trachea	Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Ovary		Cyst, Follicular Nos
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Thyroid		C-Cell Adenoma
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Thyroid		C-Cell Carcinoma
Uterus	Cervix Uteri	Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Lung

Uterus

Cervix Uteri

Inflammation, Chronic

Pneumonia, Chronic Murine

Cyst, Nos

Cyst, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Thyroid

C-Cell Carcinoma

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Ovary

Cyst, Nos

Uterus

Cervix Uteri

Cyst, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Nos

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Urinary bladder

Transitional-Cell Carcinoma

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Calcinosis, Nos

Lung

Inflammation, Chronic

Ovary

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Parathyroid gland

Hyperplasia, Nos

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 6000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_151

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_152

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Cervix Uteri

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Uterus

Cervix Uteri

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_154

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_155

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_156

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Large	Large Intestine, Colon	Nematodiasis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_157

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Mammary gland

Fibroadenoma

Peritoneum

Inflammation, Nos

Pituitary gland

Chromophobe Adenoma

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_158

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_159

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Uterus

Cervix Uteri

Pneumonia, Chronic Murine

Inflammation, Nos

Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_160

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lymph node

Mesenteric Lymph Node

Nephropathy, Toxic

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_161

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Skin

Basal-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Kidney

Liver

Lung

Ovary

Pituitary gland

Bile Duct

Adenoma, Nos

Degeneration, Nos

Inflammation, Chronic

Hyperplasia, Nos

Pneumonia, Chronic Murine

Cyst, Follicular Nos

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_163

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Lung

Mammary gland

Pituitary gland

Mammary Duct

Cortical Adenoma

Pneumonia, Chronic Murine

Hyperplasia, Nos

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_164

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos Fibrosarcoma, Metastatic
Kidney	Infarct, Acute Inflammation, Chronic
Lung	Fibrosarcoma, Metastatic Pneumonia, Chronic Murine
Pituitary gland	Chromophobe Adenoma
Unspecified	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_165

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_166

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Ovary

Cyst, Nos

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_167

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Pituitary gland	Chromophobe Adenoma
Thyroid	Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_168

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

C-Cell Adenoma

Uterus

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_169

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Periportal	Lymphocytic Inflammatory Infiltrate
Lung		Pneumonia, Chronic Murine
Mammary gland		Dilatation, Ducts
Pituitary gland		Chromophobe Adenoma
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_170

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Intestine Large

Kidney

Lung

Pancreas

Skin

Thyroid

Large Intestine, Colon

Adenoma, Nos

Degeneration, Nos

Nematodiasis

Inflammation, Chronic

Pneumonia, Chronic Murine

Atrophy, Focal

Cyst, Epidermal Inclusion

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_171

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Mammary gland

Fibroadenoma

Pituitary gland

Chromophobe Adenoma

Skin

Tail

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_172

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Inflammation, Chronic Focal
Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_173

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_174

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_175

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_176

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Degeneration, Nos
Kidney	Inflammation, Chronic
Lung	Follicular-Cell Carcinoma, Metastatic
	Pneumonia, Chronic Murine
Thyroid	Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_177

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Uterus

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_178

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_179

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_180

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Ovary		Cyst, Follicular Nos
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_181

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Uterus

Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_182

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_183

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Lung

Pneumonia, Chronic Murine

Ovary

Cyst, Follicular Nos

Pancreas

Atrophy, Focal

Pituitary gland

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_184

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Fibrosis, Myelo

Kidney

Inflammation, Chronic

Liver

Necrosis, Nos

Lung

Pneumonia, Chronic Murine

Stomach

Inflammation, Nos

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_185

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_186

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_187

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart		Degeneration, Nos
Intestine Large	Large Intestine, Colon	Nematodiasis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Thyroid		Hyperplasia, Follicular Cell
Uterus	Cervix Uteri	Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_188

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Pneumonia, Chronic Murine

Uterus

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_189

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_190

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Uterus	Fallopian Tube	Fibrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_191

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Heart

Coronary Artery Nos

Degeneration, Nos
Degeneration, Nos
Periarteritis
Thrombus, Organized
Inflammation, Chronic
Pneumonia, Chronic Murine
Dilatation, Ducts
Hyperplasia, C Cell
Cyst, Nos

Kidney
Lung
Mammary gland
Thyroid
Uterus

Cervix Uteri

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_193

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_194

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_195

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Ovary

Cyst, Nos

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_196

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Thyroid		C-Cell Adenoma
Uterus	Cervix Uteri	Cyst, Nos Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_197

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Uterus

Endometrium

Hyperplasia, Nos

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_198

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_199

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Cyst, Nos

Uterus

Cervix Uteri

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_200

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 3000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Uterus

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_221

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Pituitary gland

Inflammation, Chronic

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Kidney

Inflammation, Chronic

Ovary

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_223

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_224

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Heart		Degeneration, Nos
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_226

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart

Kidney

Lung

Pituitary gland

Degeneration, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Adrenal gland

Kidney

Pituitary gland

Pheochromocytoma

Inflammation, Chronic

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_230

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney
Mammary gland
Pituitary gland
Thyroid

Inflammation, Chronic
Fibroadenoma
Chromophobe Adenoma
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_231

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Cholemic

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Kidney

Ovary

Pituitary gland

Inflammation, Chronic

Cyst, Nos

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Inflammation, Chronic

Metamorphosis, Fatty

Pneumonia, Chronic Murine

Adenocarcinoma, Nos

Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Kidney

Inflammation, Chronic

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Cholesteatoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_236

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Pituitary gland

Thyroid

Uterus

Cortical Adenoma

Inflammation, Chronic

Chromophobe Adenoma

C-Cell Carcinoma

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_237

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Large Intestine, Colon

Nematodiasis

Lung

Pneumonia, Chronic Murine

Pancreas

Acinus

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Mammary gland

Fibroadenoma

Uterus

Endometrium

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

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

Intestine Large

Cecum, Colon

Ulcer, Nos

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Uterus

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00420A

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Nitrofen

CAS Number: 1836-75-5

Date Report Requested: 10/26/2014

Time Report Requested: 10:26:04

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_240

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****