

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C02186

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_051

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Adenocarcinoma, Nos, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_053

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_054

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland  
Thyroid

Inflammation, Chronic  
Chromophobe Adenoma  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_055

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

Uterus

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_056

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

Thyroid

Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_057

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Thyroid

Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_058

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_059

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Thyroid

Inflammation, Chronic

Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_060

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_061

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephrosis, Hydro

Unspecified

Abdominal Viscera

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_062

**TRT#:** 1

**DOSE:** 500 PPM

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver	Metamorphosis, Fatty
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
	Cyst, Hemorrhagic
Thyroid	Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_063

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver  
Pituitary gland  
Thyroid

Metamorphosis, Fatty  
Chromophobe Adenoma  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_064

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Lung		Pneumonia, Chronic Murine
Ovary		Cyst, Parovarian
Thyroid		Follicular-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_065

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_066

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_067

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Periportal	Metamorphosis, Fatty
Ovary		Cyst, Parovarian
Pituitary gland		Chromophobe Adenoma
Thyroid		C-Cell Adenoma
Uterus	Fallopian Tube	Inflammation, Acute Suppurative
		Inflammation, Acute Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_068

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Ovary

Cyst, Nos

Pituitary gland

Cyst, Hemorrhagic

Thyroid

Follicular-Cell Adenoma

Uterus

Endometrium

Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_069

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain

Lymphoma, Histiocytic-Malignant Type

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_070

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_071

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Lung

Thyroid

Inflammation, Chronic

Pneumonia, Chronic Murine

Follicular-Cell Adenoma

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_072

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Thyroid

Pheochromocytoma

Inflammation, Chronic

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_073

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Follicular-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_074

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Follicular-Cell Adenoma

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_075

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Pituitary gland

Thyroid

Chromophobe Adenoma

Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_076

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Mesentery Nos

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_077

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
Ovary  
Thyroid  
Uterus

Cortex Nos  
Large Intestine, Colon

Hyperplasia, Focal  
Nematodiasis  
Inflammation, Chronic  
Cyst, Nos  
Follicular-Cell Carcinoma  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_078

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Ovary

Cyst, Parovarian

Pituitary gland

Cyst, Hemorrhagic

Thyroid

Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_079

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Mammary gland	Fibroadenoma
Pituitary gland	Chromophobe Adenoma
Thyroid	Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_080

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_081

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Thyroid	Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_082

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Thyroid

Inflammation, Nos

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_083

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Thyroid

Uterus

Inflammation, Chronic

Follicular-Cell Adenoma

Pyometra

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_084

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Mammary gland

Fibroadenoma

Thyroid

Hyperplasia, Follicular Cell

Uterus

Endometrium

Inflammation, Vesicular

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_085

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Thyroid

Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_086

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Abdominal Cavity

Adenocarcinoma, Nos, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_087

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Ovary

Thyroid

Fibroadenoma

Cyst, Parovarian

Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_088

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Epicardium

Inflammation, Nos

Ovary

Cyst, Parovarian

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_089

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Mammary gland

Fibroadenoma

Pituitary gland

Inflammation, Vesicular

Thyroid

Chromophobe Adenoma

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_090

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lipoidosis

Inflammation, Chronic

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_092

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Intestine Small

Kidney

Ileum

Cyst, Hemorrhagic

Hyperplasia, Lymphoid

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_093

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland  
Thyroid

Inflammation, Chronic  
Chromophobe Adenoma  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_094

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung	Follicular-Cell Carcinoma, Metastatic
Thyroid	Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_095

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Stomach

Thyroid

Cyst, Epidermal Inclusion

Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_096

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Pituitary gland

Thyroid

Chromophobe Adenoma

Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_097

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain

Glioma, Nos

Lung

Inflammation, Acute Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_098

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung	Inflammation, Granulomatous
Thyroid	Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_099

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Mammary gland		Abscess, Nos
Ovary		Cyst, Parovarian
Pituitary gland		Chromophobe Adenoma
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_100

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_151

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_152

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Thyroid

Inflammation, Chronic

Follicular-Cell Carcinoma

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_153

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung		Pneumonia, Chronic Murine
Pancreas	Acinus	Atrophy, Nos
Uterus	Endometrium	Inflammation, Vesicular

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_155

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland  
Thyroid

Inflammation, Chronic  
Cyst, Nos  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_156

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary

Granulosa-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_157

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Groin

Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_158

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Metamorphosis, Fatty

Uterus

Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_159

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary

Cyst, Parovarian

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_160

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_162

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_164

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_166

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Pituitary gland

Fibroadenoma

Cyst, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_167

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Adenocarcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_169

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Mammary gland

Lipoidosis

Inflammation, Chronic

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_170

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cyst, Hemorrhagic

Kidney

Hyperplasia, Nos

Pituitary gland

Inflammation, Chronic

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_171

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Foreign Body, Reaction

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_172

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_174

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_175

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Uterus

Thrombus, Organized

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_177

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Thyroid

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_178

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_179

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Cyst, Hemorrhagic

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_180

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Pituitary gland

Cyst, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_181

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Mammary gland

Pituitary gland

Metamorphosis, Fatty

Inflammation, Chronic

Inflammation, Chronic

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_182

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_183

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

Skin

Cyst, Nos

Thyroid

Cyst, Follicular Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_186

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver  
Pituitary gland

Metamorphosis, Fatty  
Cyst, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_188

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland  
Thyroid

Inflammation, Chronic  
Chromophobe Adenoma  
C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_189

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_190

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

Ovary

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_191

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Necrosis, Focal

Lung

Neoplastic Nodule

Thyroid

Bronchopneumonia, Acute

Cyst, Follicular Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_193

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary

Cyst, Parovarian

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_194

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_195

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Liver

Myocardium Nos

Inflammation, Nos

Neoplastic Nodule

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_196

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cyst, Hemorrhagic

Liver

Lipoidosis

Unspecified

Axilla

Metamorphosis, Fatty

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_197

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_198

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_199

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_200

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_221

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary

Cyst, Parovarian

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**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**

Intestine Large

Large Intestine, Colon

Nematodiasis

Liver

Hepatocellular Adenoma

Pancreas

Acinus

Atrophy, Nos

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_223

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Uterus

Cyst, Hemorrhagic

Calcification, Focal

Inflammation, Chronic

Neoplastic Nodule

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_224

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortical Adenoma

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_227

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_228

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Mammary gland

Pituitary gland

Inflammation, Chronic

Adenocarcinoma, Nos

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_229

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Ovary	Cyst, Parovarian
Pituitary gland	Cyst, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_230

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**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**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_232

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_236

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Pituitary gland

Thyroid

Papillary Adenocarcinoma

Chromophobe Adenoma

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_237

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ovary

Cyst, Parovarian

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**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**

Uterus

Endometrium

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**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 Small

Duodenum

Leiomyoma

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_070

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:**

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_078

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:**

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_080

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:**

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_088

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:**

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_154

**TRT#:** 5  
**DOSE:** 0

**SEX:** Female  
**DISP:**

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Thyroid

Intestinal Tract

Hyperplasia, Lymphoid  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_158

**TRT#:** 5  
**DOSE:** 0

**SEX:** Female  
**DISP:**

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung

Atelectasis

Thyroid

Hemorrhage

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_172

**TRT#:** 5

**DOSE:** 0

**SEX:** Female

**DISP:**

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_176

**TRT#:** 5

**DOSE:** 0

**SEX:** Female

**DISP:**

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung	Inflammation, Acute Focal
Thyroid	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_178

**TRT#:** 5

**DOSE:** 0

**SEX:** Female

**DISP:**

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Adenoma, Nos

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_184

**TRT#:** 5

**DOSE:** 0

**SEX:** Female

**DISP:**

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Lung	Bronchopneumonia, Acute
Thyroid	Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_186

**TRT#:** 5  
**DOSE:** 0

**SEX:** Female  
**DISP:**

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Thyroid

Calcinosis, Nos  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C02186

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trimethylthiourea

**CAS Number:** 2489-77-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:30:42

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 5\_200

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:**

**HISTO:**

---

**OBSERVATIONS**

Thyroid

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE