

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C20540C
<b>Lock Date:</b>	08/01/2007
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 801

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606216

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

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**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 802

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606217

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 803

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606218

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

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**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 804

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606219

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

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**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 805

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606220

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 806

**TRT#:** 1  
**DOSE:** 0 mg/kg

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:** 3  
**HISTO:** 0606221

---

**OBSERVATIONS**

\* Kidney  
\* Liver

Mineralization  
Infiltration Cellular  
Mitotic Alteration

Minimal  
Mononuclear CI, Minimal  
Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:46  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 807

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606222

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 808

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606223

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 809

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606224

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 810

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606225

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 811

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606226

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 812

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606227

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 813

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Fatty Change	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 814

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Intestine Large, Rectum	Ulcer	Mild
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Hepatodiaphragmatic Nodule	
	Infiltration Cellular	Mononuclear CI, Minimal
[ Hepatodiaphragmatic Nodule TGLS = 1-2 ]		
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Mild
* Preputial Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 815

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606230

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Mild
* Pituitary GI		

Note: A rest of endocrine cells in the neurohypophysis.

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 816

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606231

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Nose	Inflammation	Chronic, Minimal
* Preputial Gland	Inflammation	Chronic, Minimal
* Trachea	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 817

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606232

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Lung		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Nose		Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 818

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** 0 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Mild
* Preputial Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 819

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** 0 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606234

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Preputial Gland	Inflammation	Chronic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 820

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** 0 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606235

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Preputial Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 821

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** 0 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606236

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Harderian Gland	Inflammation	Chronic, Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Preputial Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 822

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** 0 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatodiaphragmatic Nodule	
	Infiltration Cellular	Mononuclear CI, Minimal
[ Hepatodiaphragmatic Nodule TGLS = 1-2 ]		
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Preputial Gland	Inflammation	Chronic, Minimal
* Trachea	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 823

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** 0 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606238

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Harderian Gland	Inflammation	Chronic, Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Hemorrhage	Minimal
	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Pituitary Gland	Cyst	Minimal
* Preputial Gland	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 824

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** 0 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606239

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Liver		Fatty Change	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 901

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606240

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular  
Mitotic Alteration

Mononuclear CI, Minimal  
Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 902

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606241

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 903

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606242

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 904

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606243

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular  
Mitotic Alteration

Mononuclear CI, Minimal  
Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 905

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606244

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 906

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606245

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 907

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606246

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 908

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606247

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 909

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606248

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 910

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606249

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 911

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606250

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 912

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606251

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Kidney

---

**OBSERVATIONS**

\* Liver

Infiltration Cellular

Mononuclear CI, Minimal

Mitotic Alteration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 913

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606252

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Preputial Gland	Inflammation	Chronic, Minimal
* Trachea	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 914

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606253

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Fatty Change	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 915

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606254

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Preputial Gland	Inflammation	Chronic, Mild
* Trachea	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 916	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 91
	<b>DOSE:</b> MEG 150 mg/kg	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 0606255

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 917

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606256

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Liver	Fatty Change	Minimal
	Hepatodiaphragmatic Nodule	
	Infiltration Cellular	Mononuclear CI, Minimal
[ Hepatodiaphragmatic Nodule TGLS = 1-2 ]		
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Mild
* Preputial Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 918

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 91

**DOSE:** MEG 150 mg/kg

**DISP:** Scheduled Sacrifice

**HISTO:** 0606257

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 919

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** MEG 150 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606258

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Harderian Gland	Inflammation	Chronic, Mild
* Heart	Cardiomyopathy	Minimal
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 920

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** MEG 150 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606259

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Heart	Cardiomyopathy	Minimal
* Liver	Clear Cell Focus	
	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Preputial Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 921

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** MEG 150 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606260

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Preputial Gland	Inflammation	Chronic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 922

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** MEG 150 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606261

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Minimal
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Pancreas	Atrophy	Minimal
* Preputial Gland	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 923

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** MEG 150 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606262

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Harderian Gland	Inflammation	Chronic, Minimal
* Heart	Cardiomyopathy	Mild
* Kidney	Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Mild
* Preputial Gland	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 20540-02  
**Test Type:** 150-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F344/N Tac

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methyleugenol (TGMX rat liver evaluation)  
**CAS Number:** 93-15-2

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:01:47  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 924

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 150

**DOSE:** MEG 150 mg/kg

**DISP:** Terminal Sacrifice

**HISTO:** 0606263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Urinary Bladder		

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Mineralization	Minimal
* Liver	Fatty Change	Minimal
	Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Inflammation	Chronic, Mild
* Lymph Node, Mesenteric	Hyperplasia	Histiocytic, Minimal
* Pancreas	Inflammation	Chronic, Minimal
* Trachea	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

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

\* PROTOCOL REQUIRED TISSUE